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FIG.1

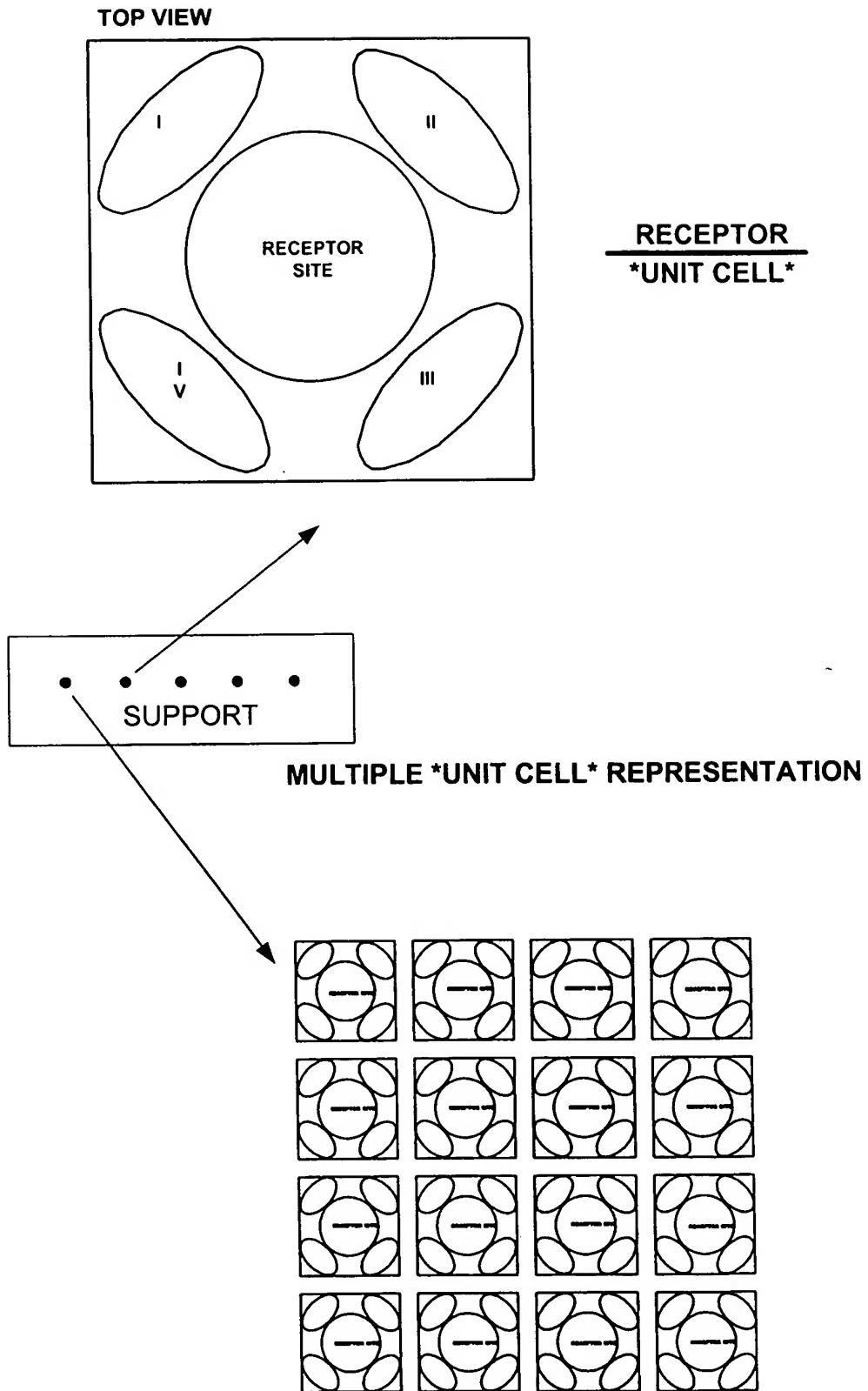
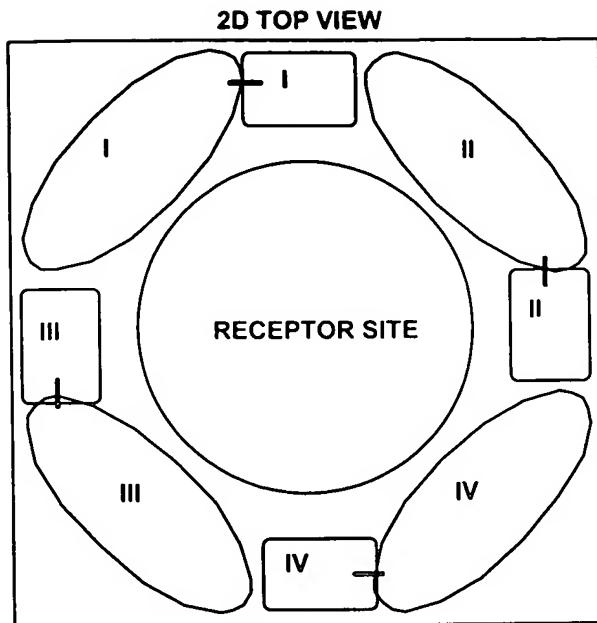
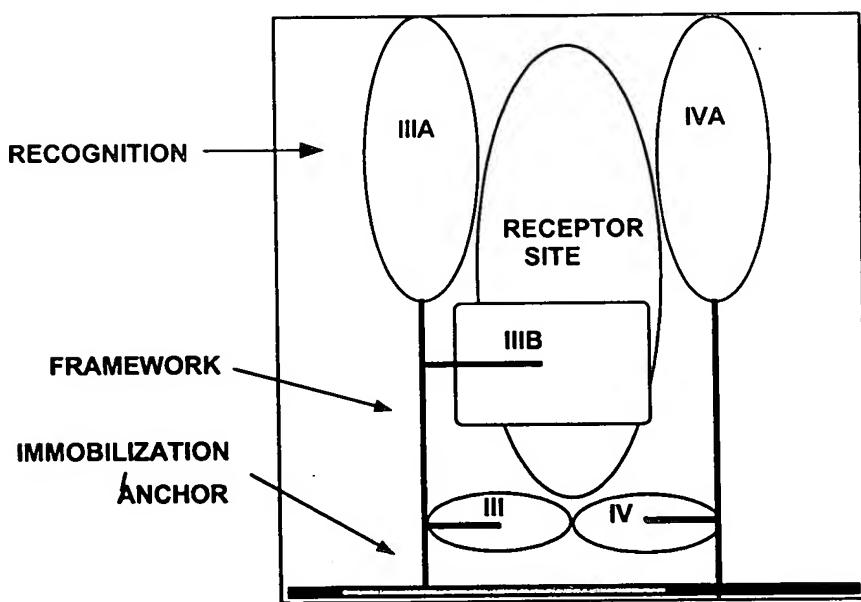


FIG.2



2D SIDE VIEW



3D FRONT VIEW

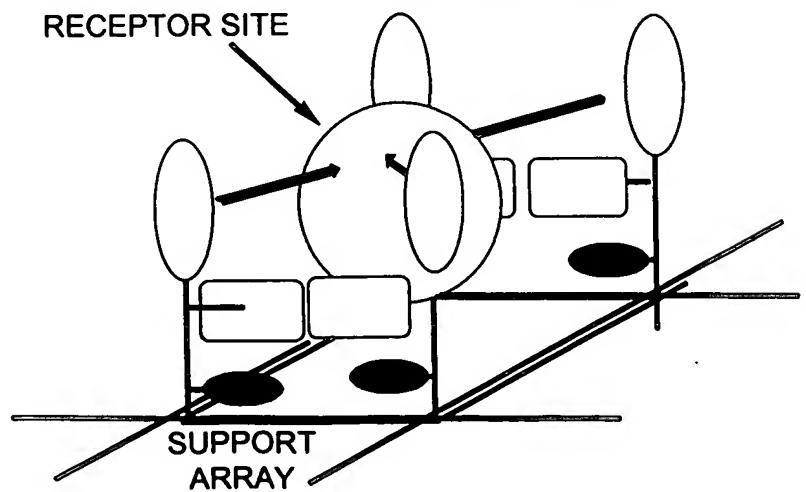


FIG. 3

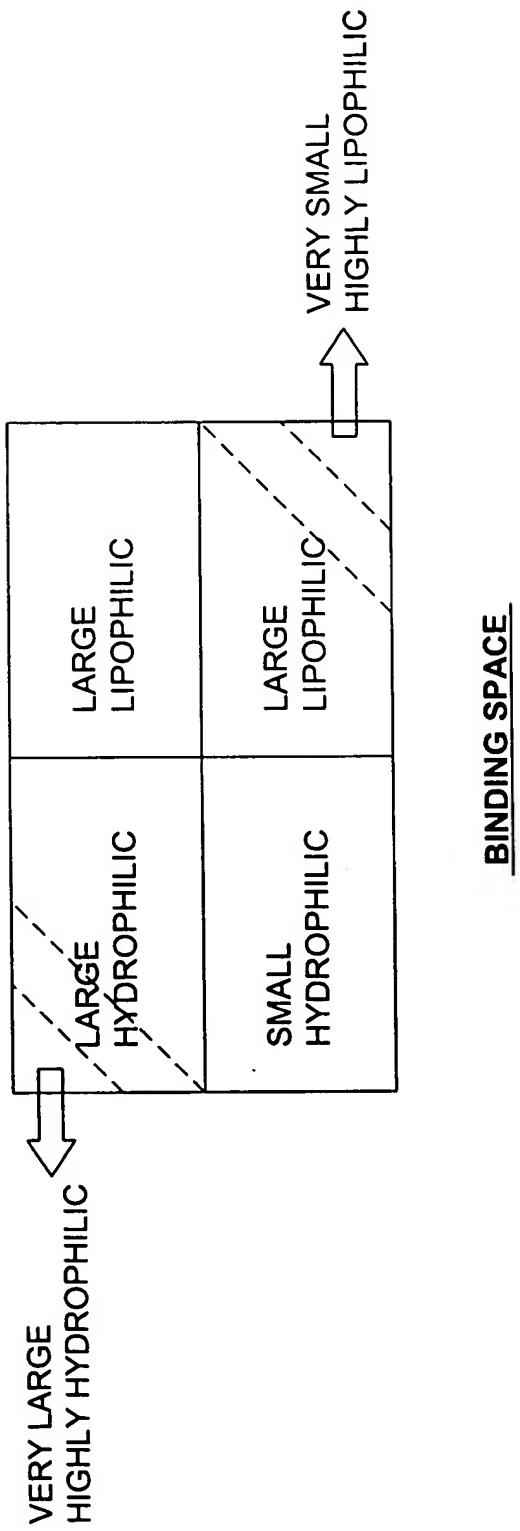


FIG. 4

LOGP versus VOLUME

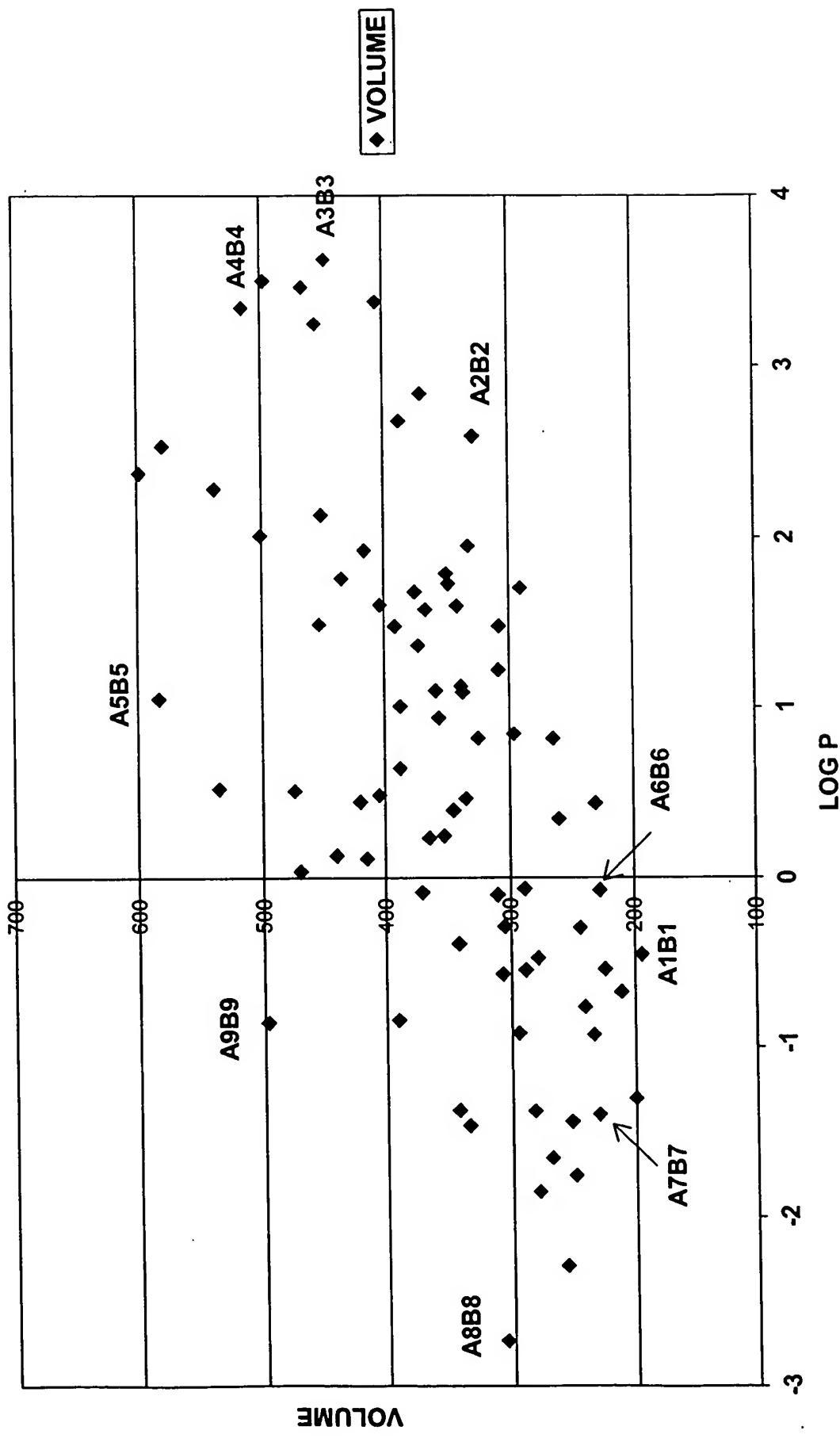


FIG. 5A

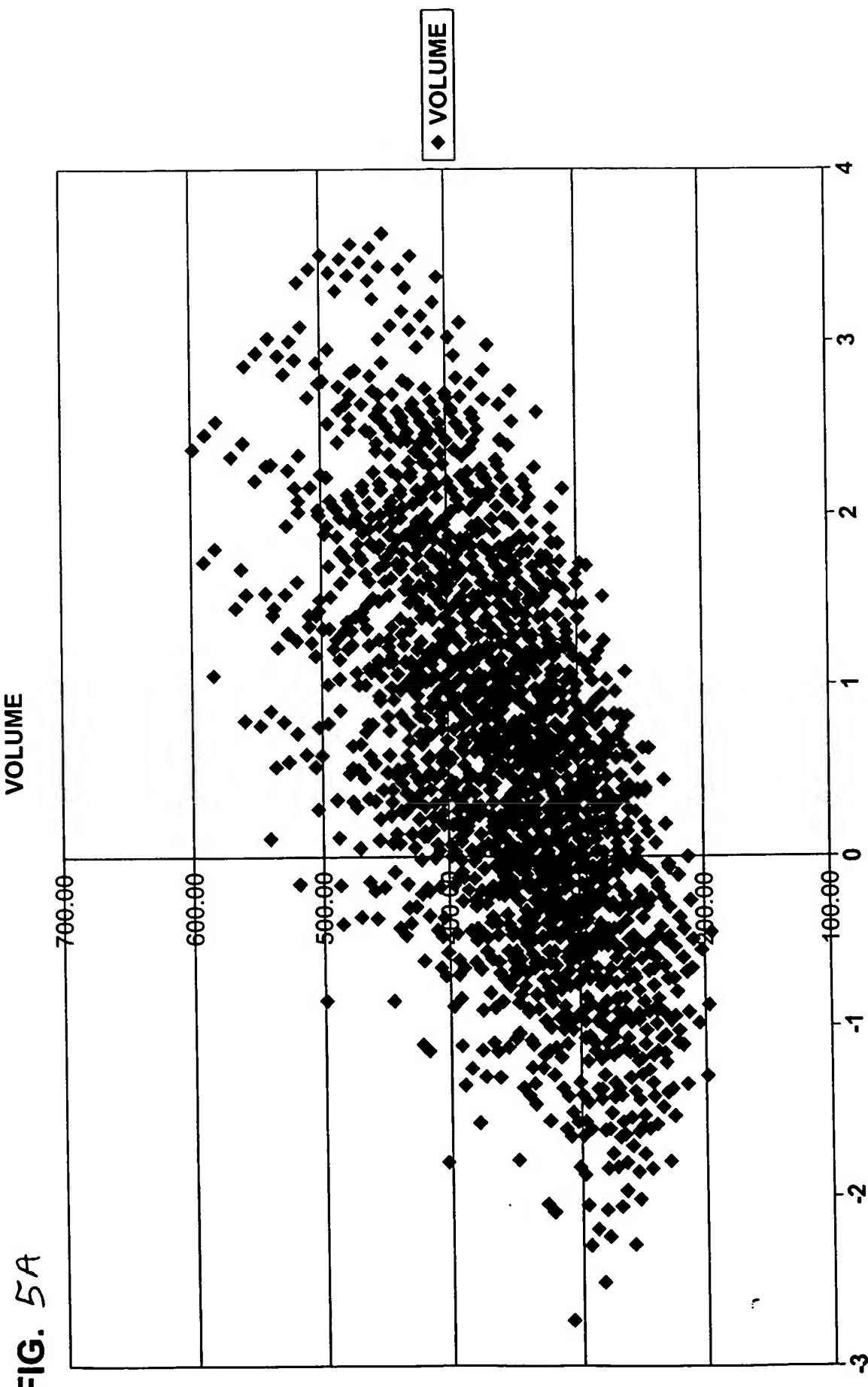
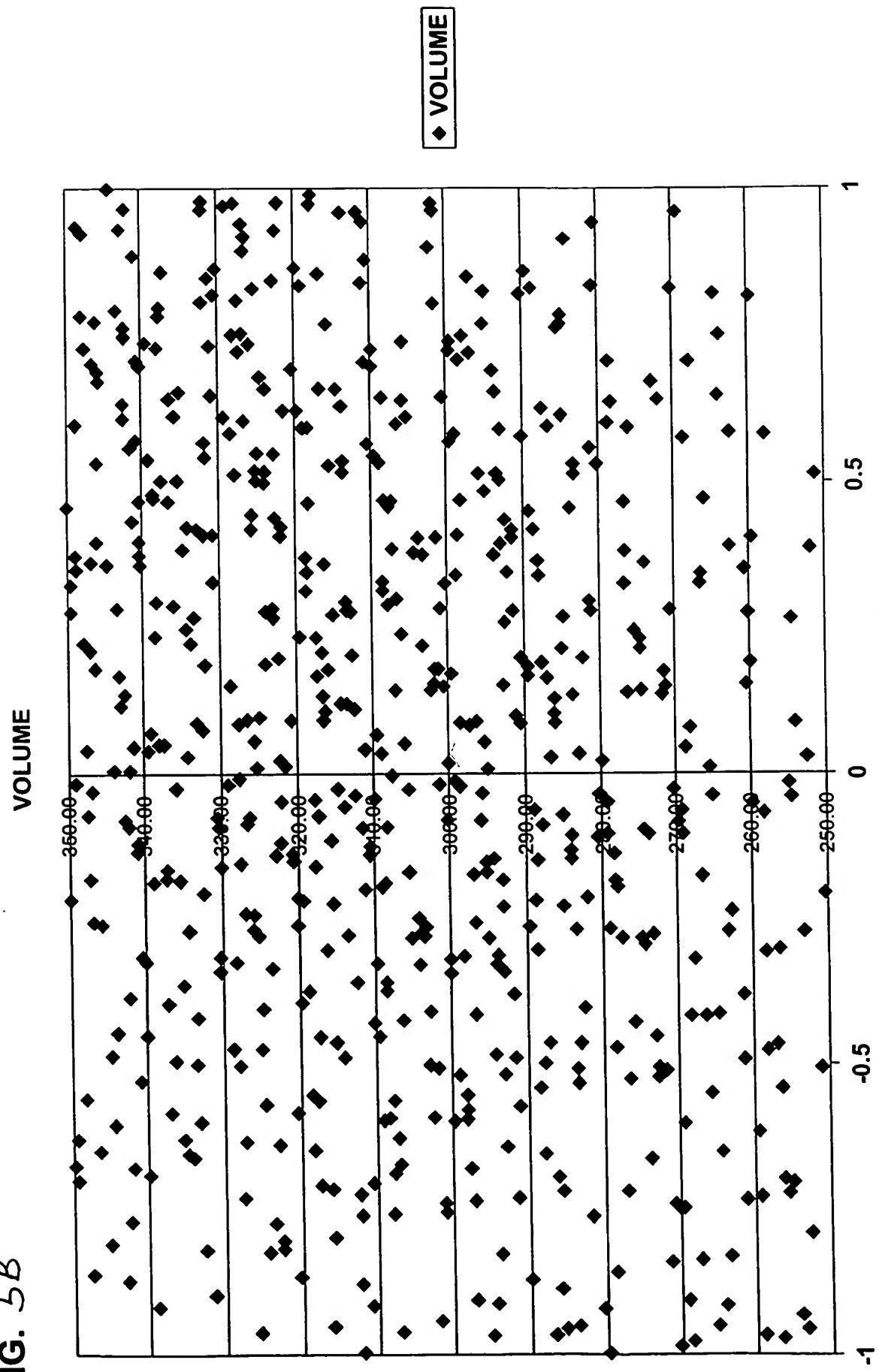


FIG. 5B



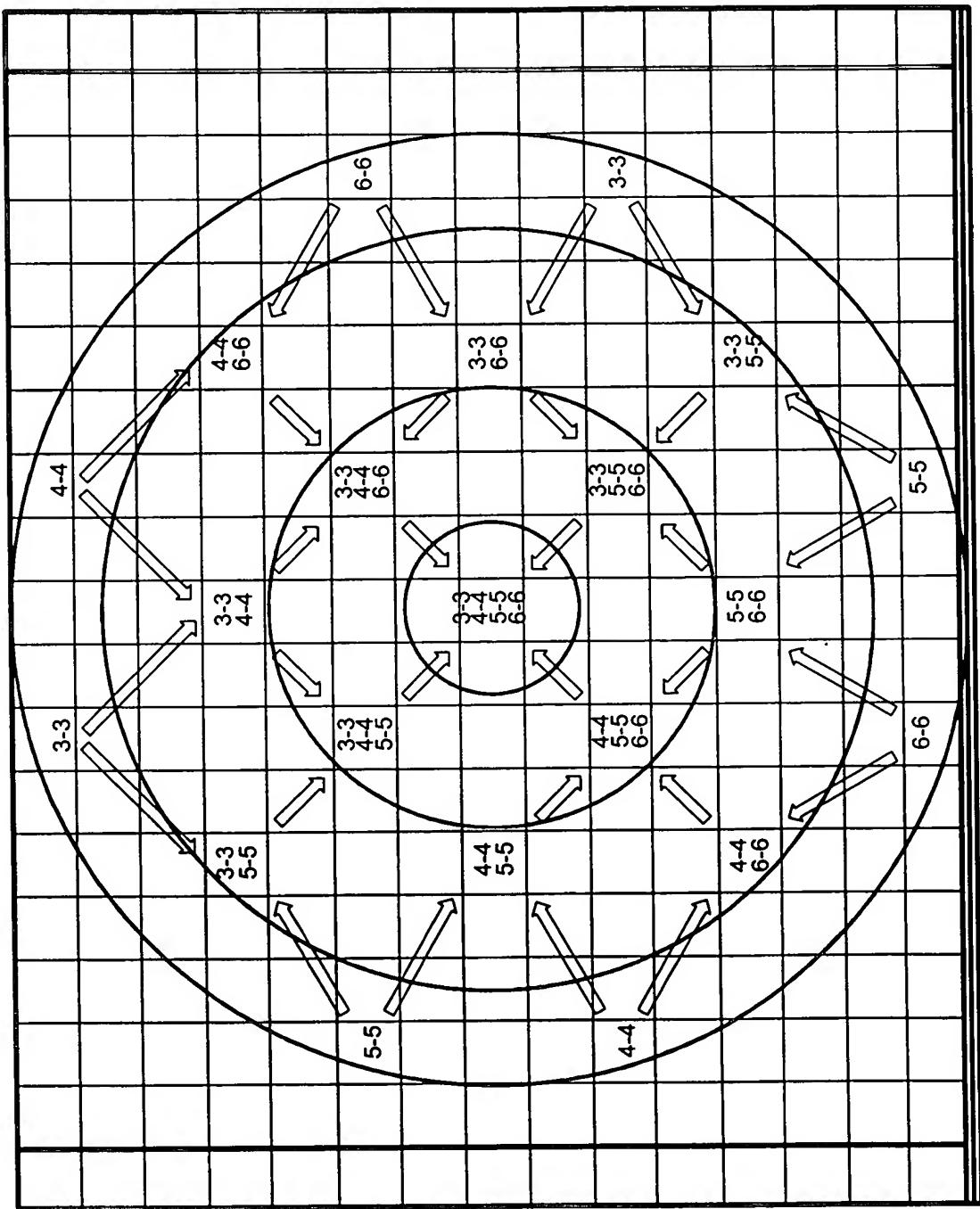


FIG. 19

FIG. 7A

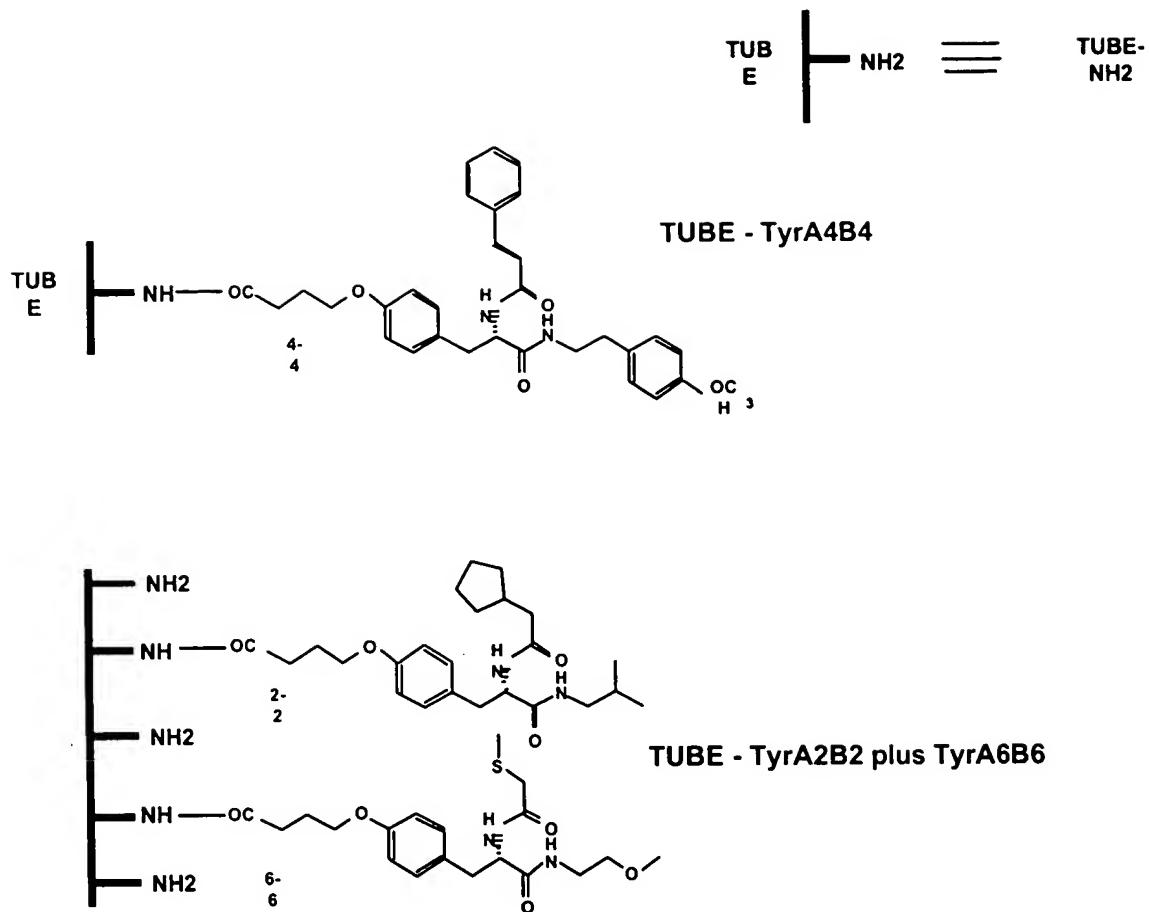


FIG. 7B

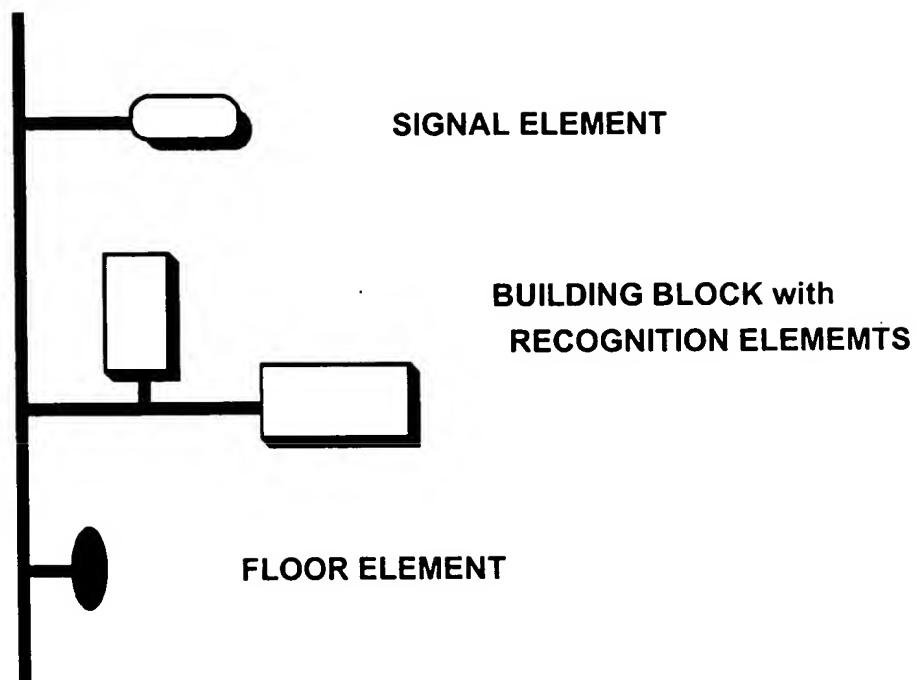


FIG. 8

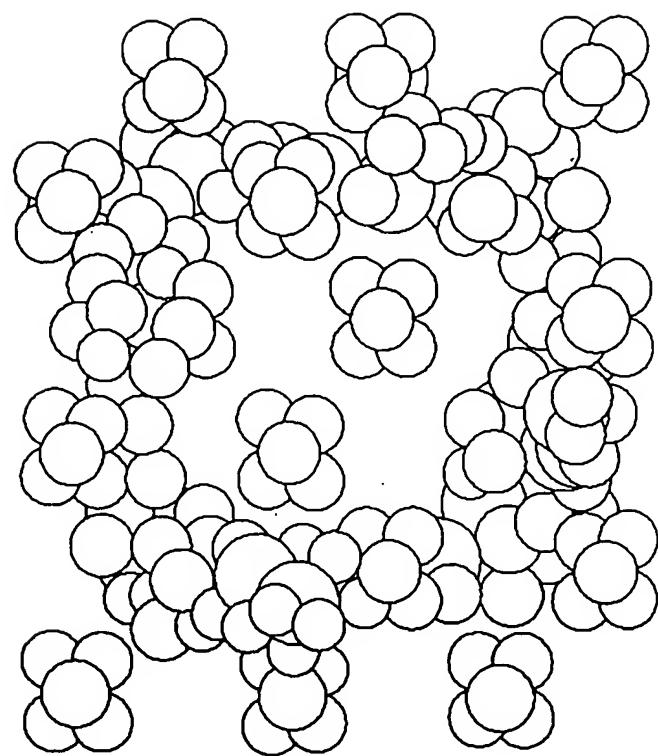


FIG. 9

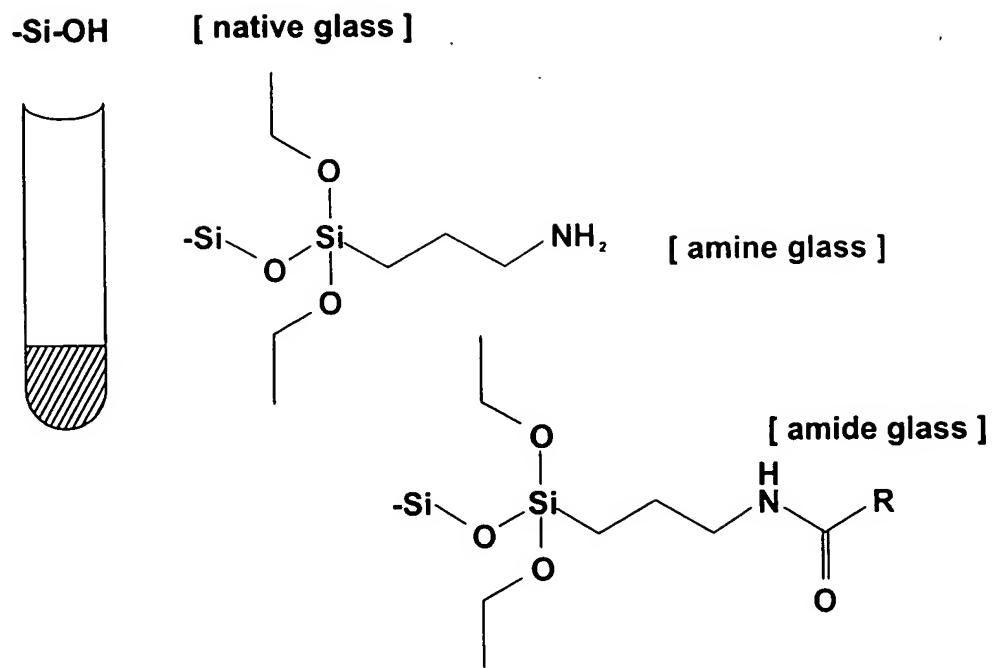


FIG. 10

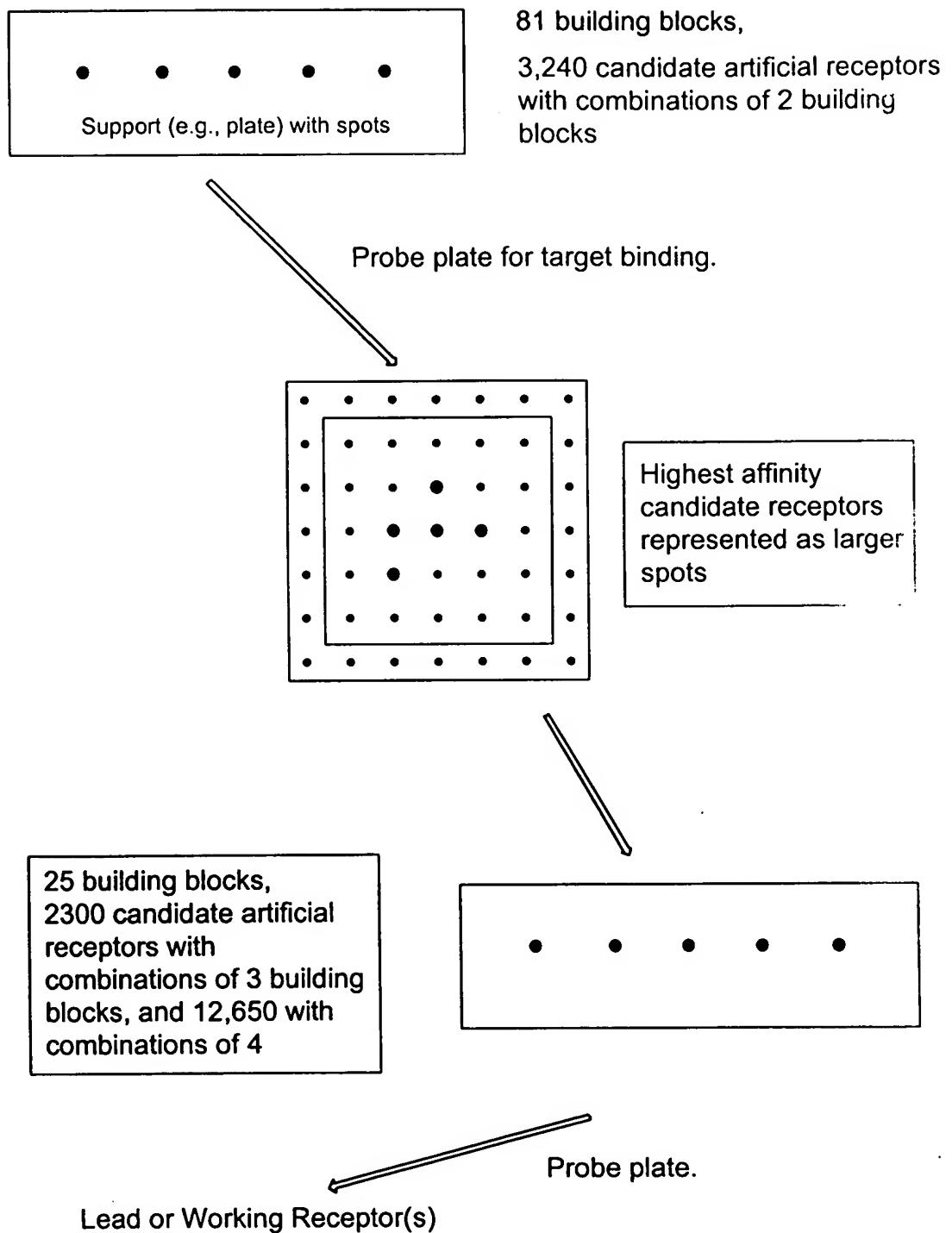
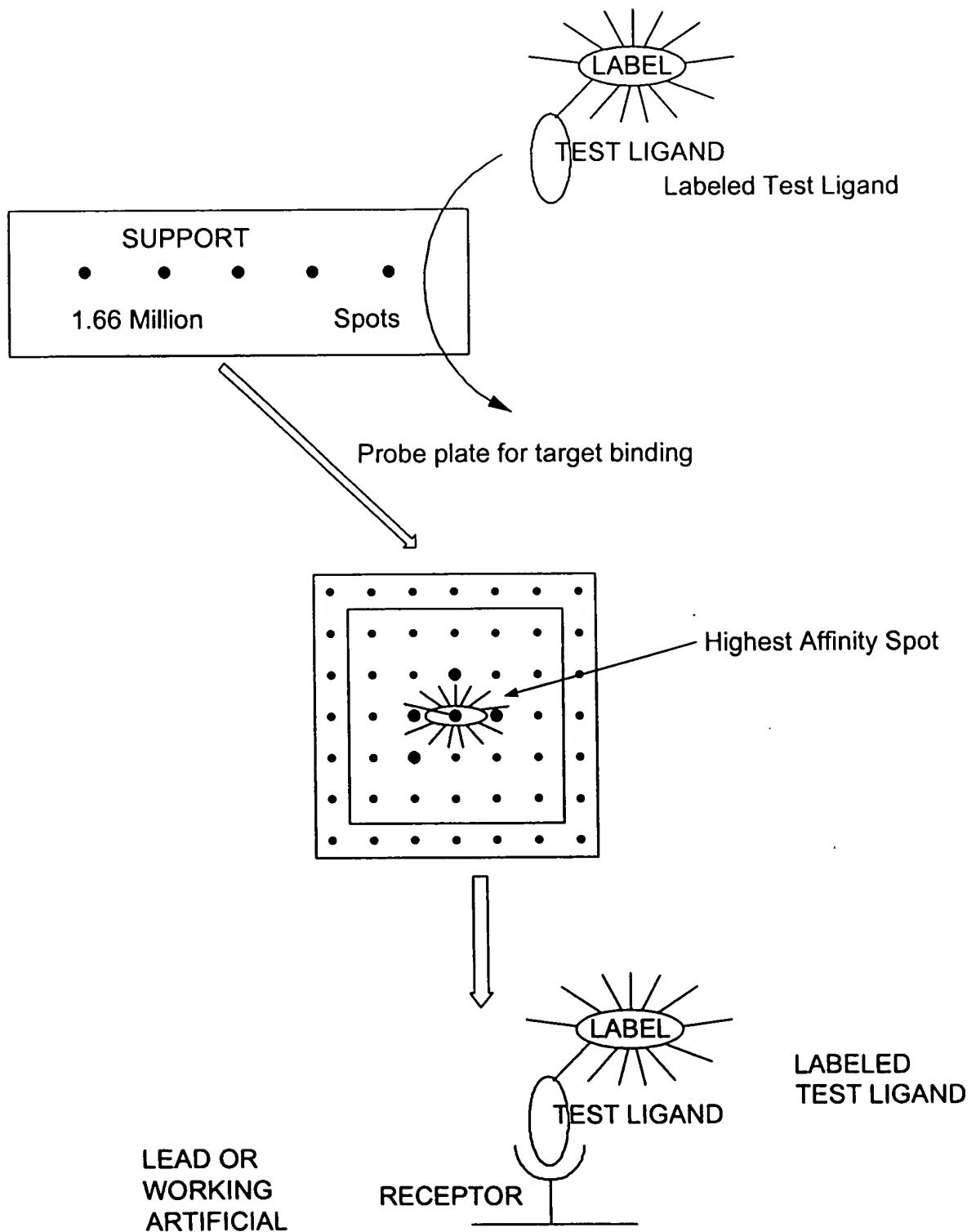


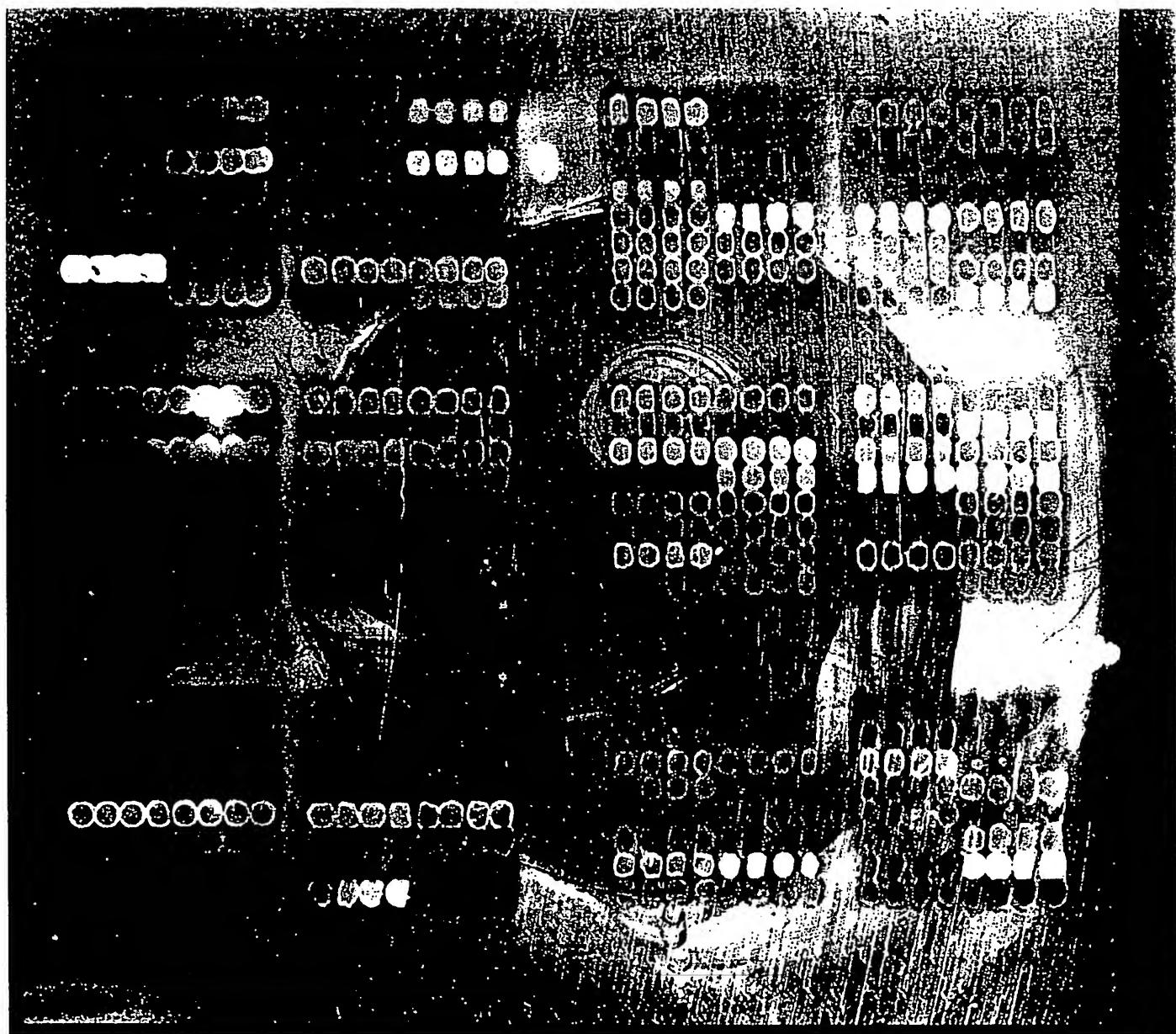
FIG. 11



GenePix Image - Wavelength 532

Scanning Parameters
Exposure Time: 1000 ms
Filter: 532 nm
Avg: 1
Scale: 1000
Offset: 1000
Contrast: 1000

FIGURE 12 A GRAY SCALE IMAGE OF A 2 ug/ml r-PHYCOERYTHRIN CARA MICROARRAY.



2003/09/02 11:14:59

Fig. 13,
2D
plot

R-PHYCOERYTHRIN

PHYCO

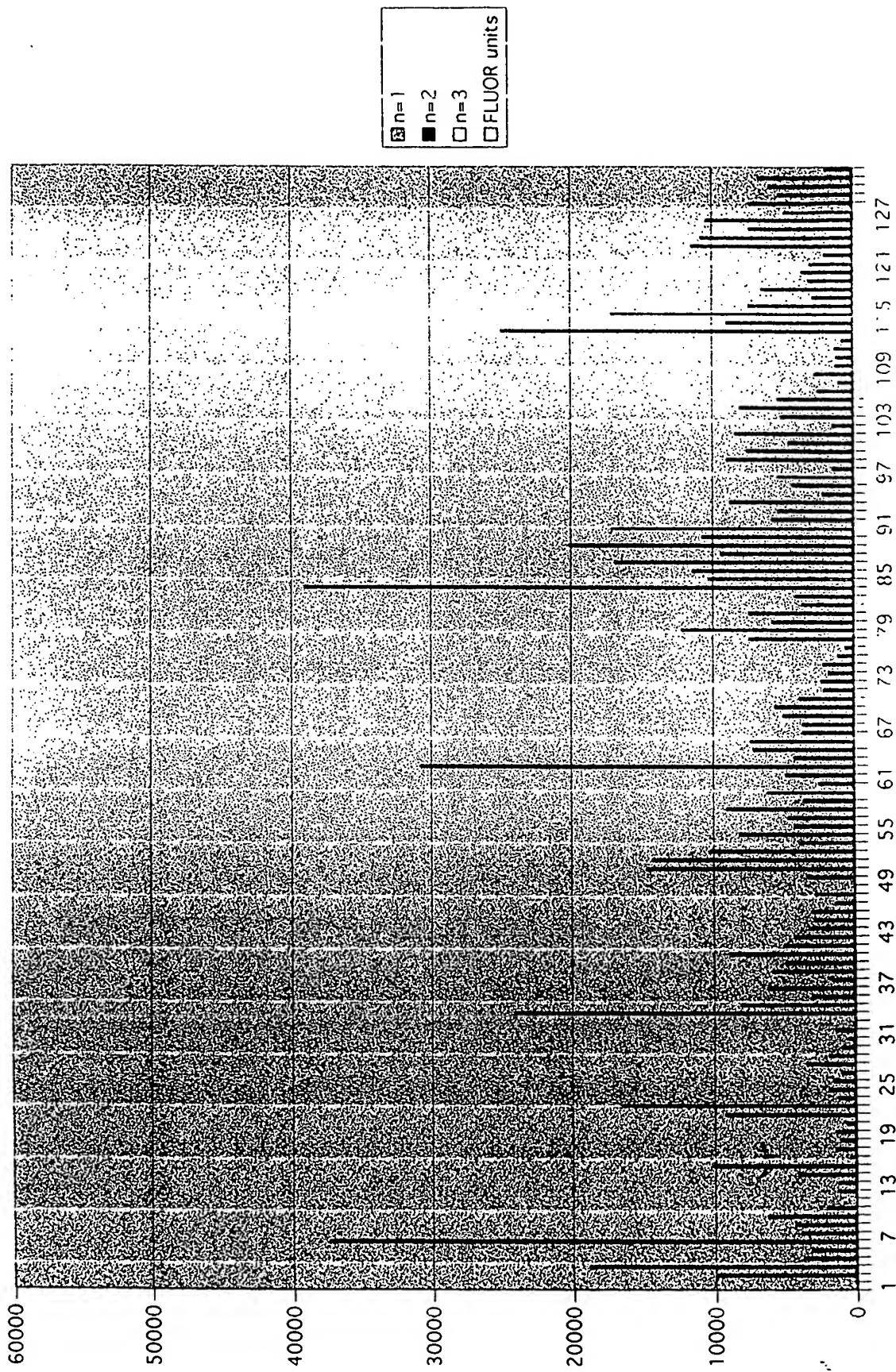


Figure 14

3D plot

R-Phycoerythrin

N9 : PHYCO : n=1, n=2, n=3

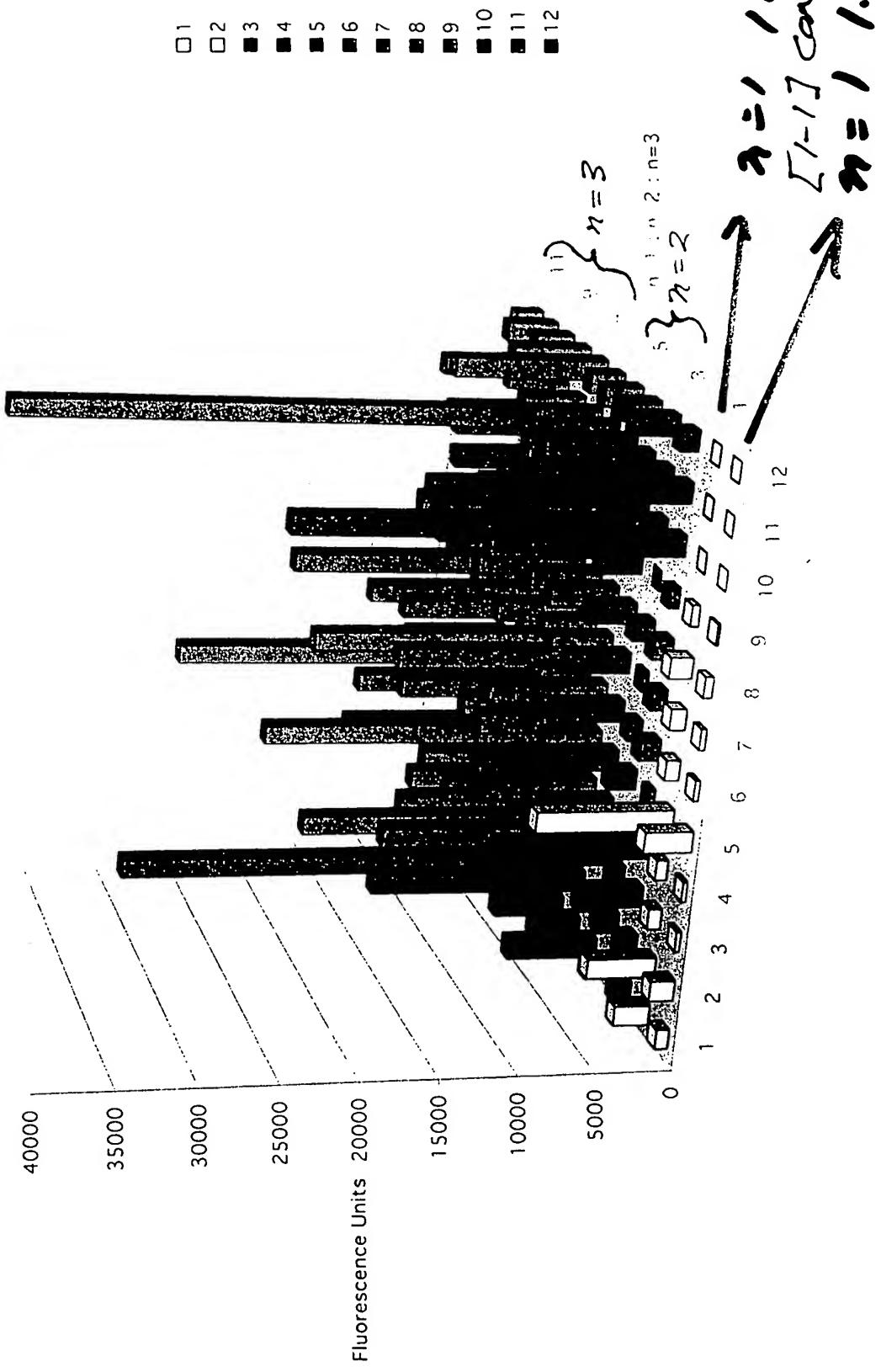


FIGURE 15

2D PROT

Ovalbumin

OVAL1

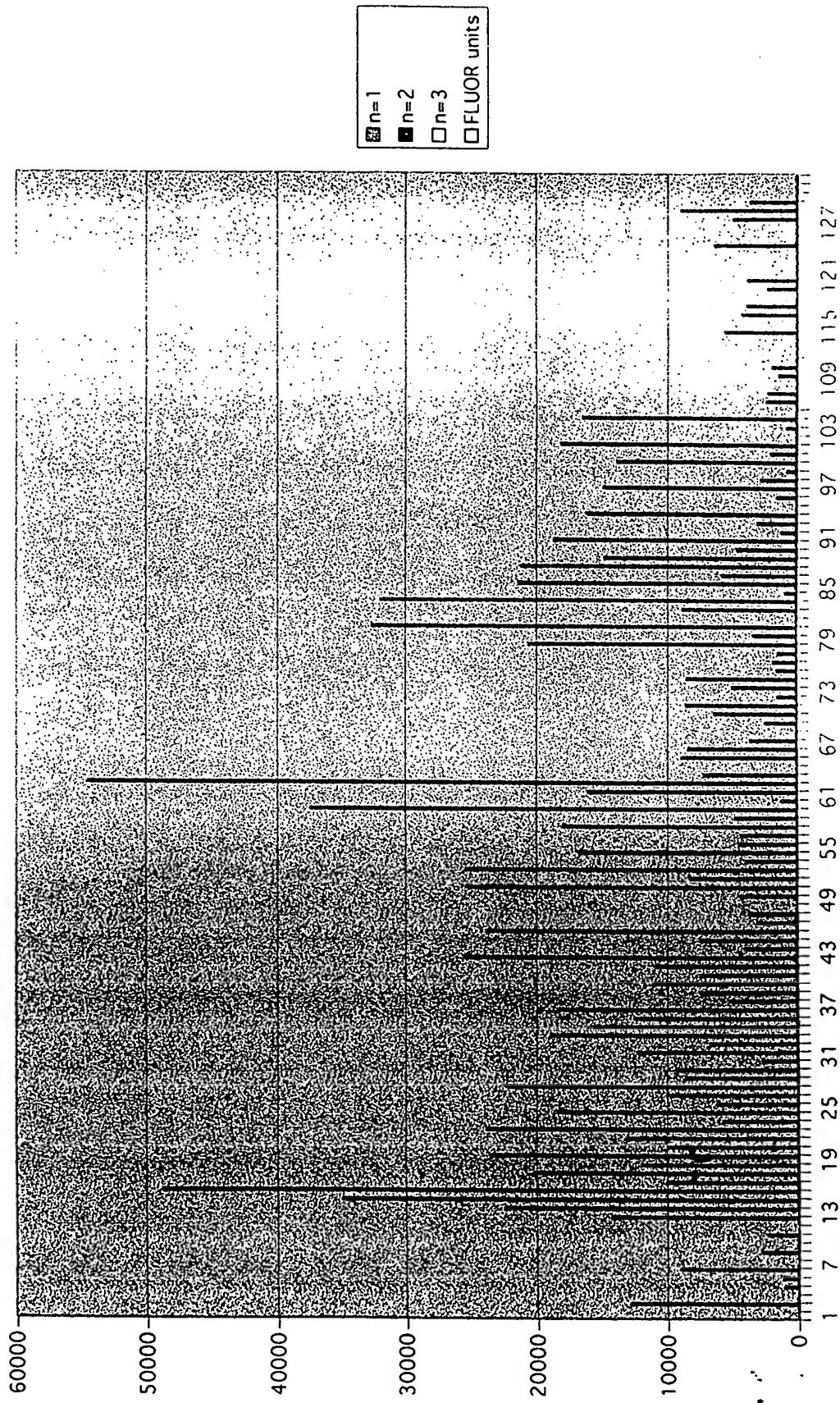


FIGURE 16
3D Plot

N=9 n=1, n=2, n=3 COMBINATIONS OVAL 1

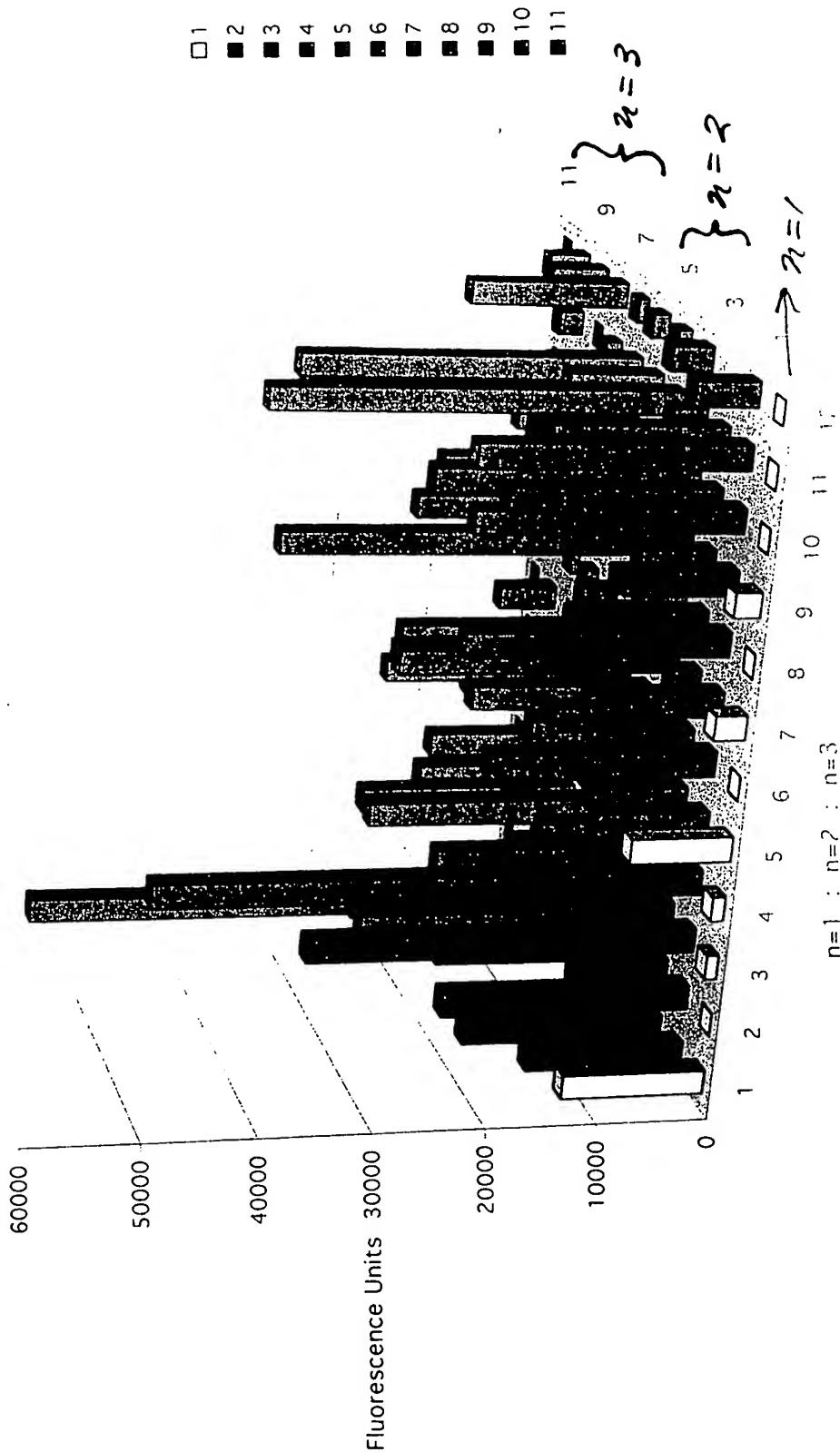


FIGURE 17
2D plot $\text{RHO}_2 - 350\text{A}$

Bovine Serum Ar Bu m/m
 $\text{RHO}_2 - 350\text{A}$

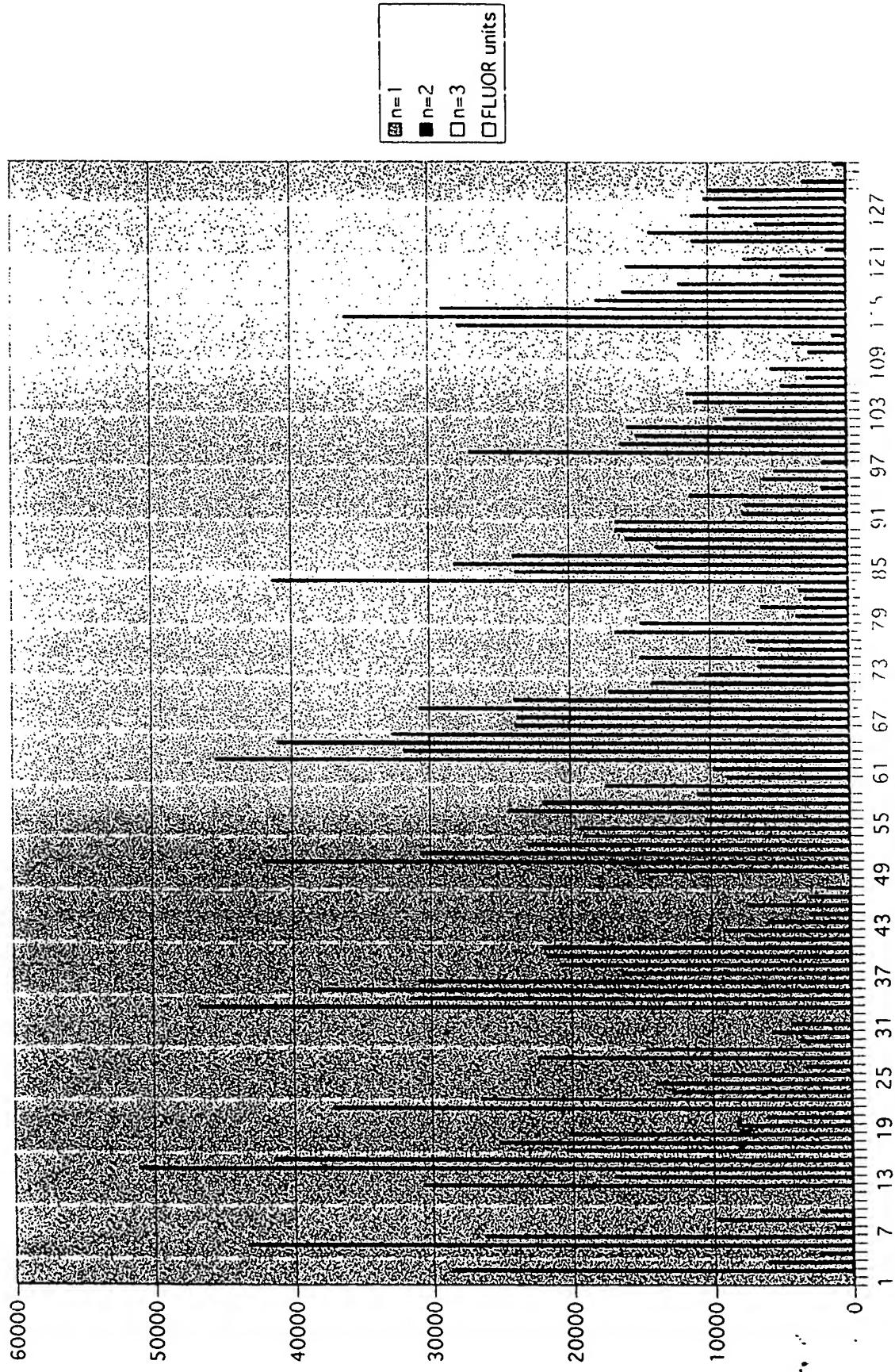


Fig ure 18

BSA

3D : ρ_{07} $n=9$ $n=1$, $n=2$, $n=3$ COMBINATIONS RHO1-BSA/SA

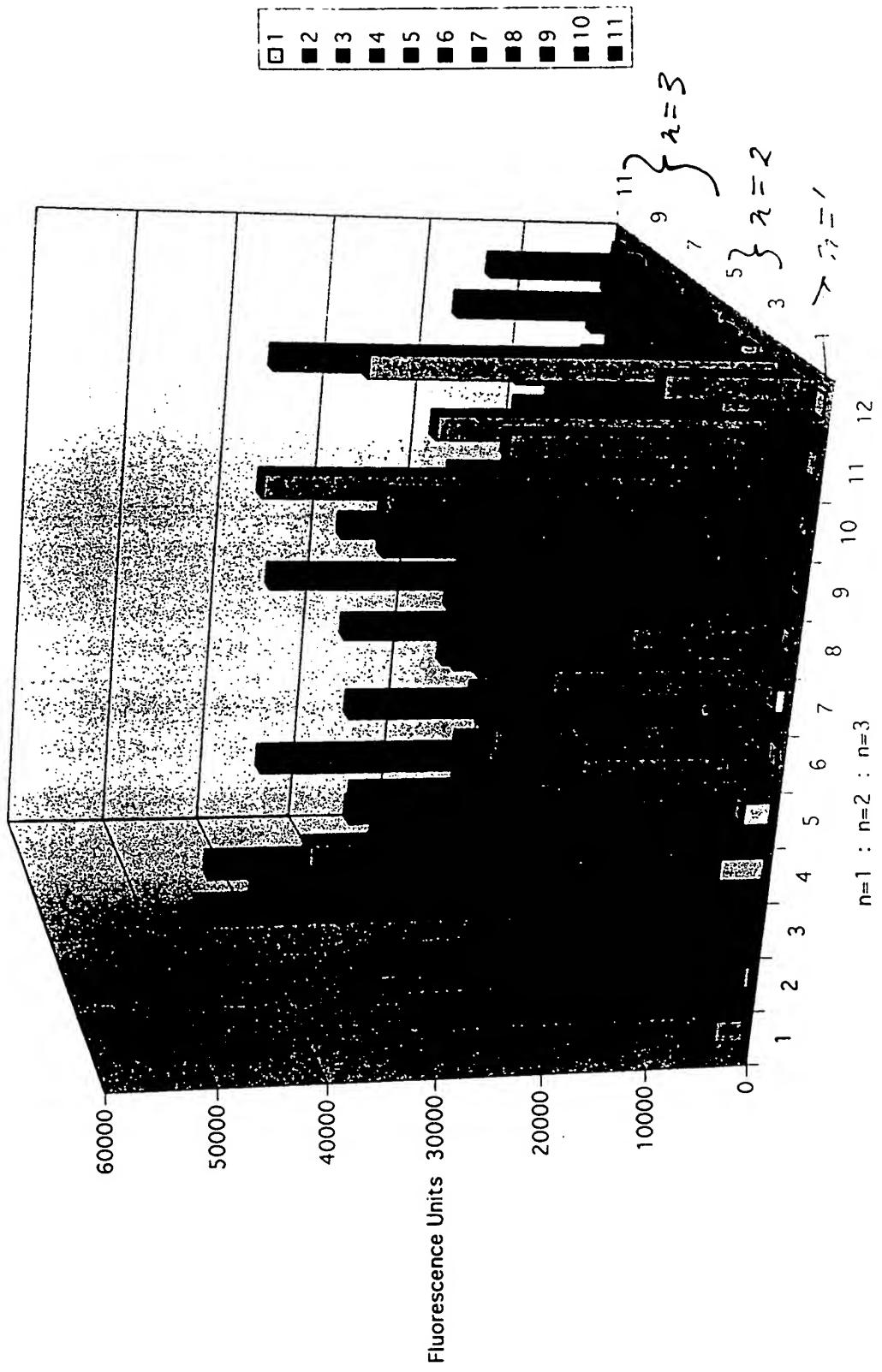


FIGURE 19.

2D Corr plot $H_{\text{P}} - H_{\text{C}}$ "1.0 x"

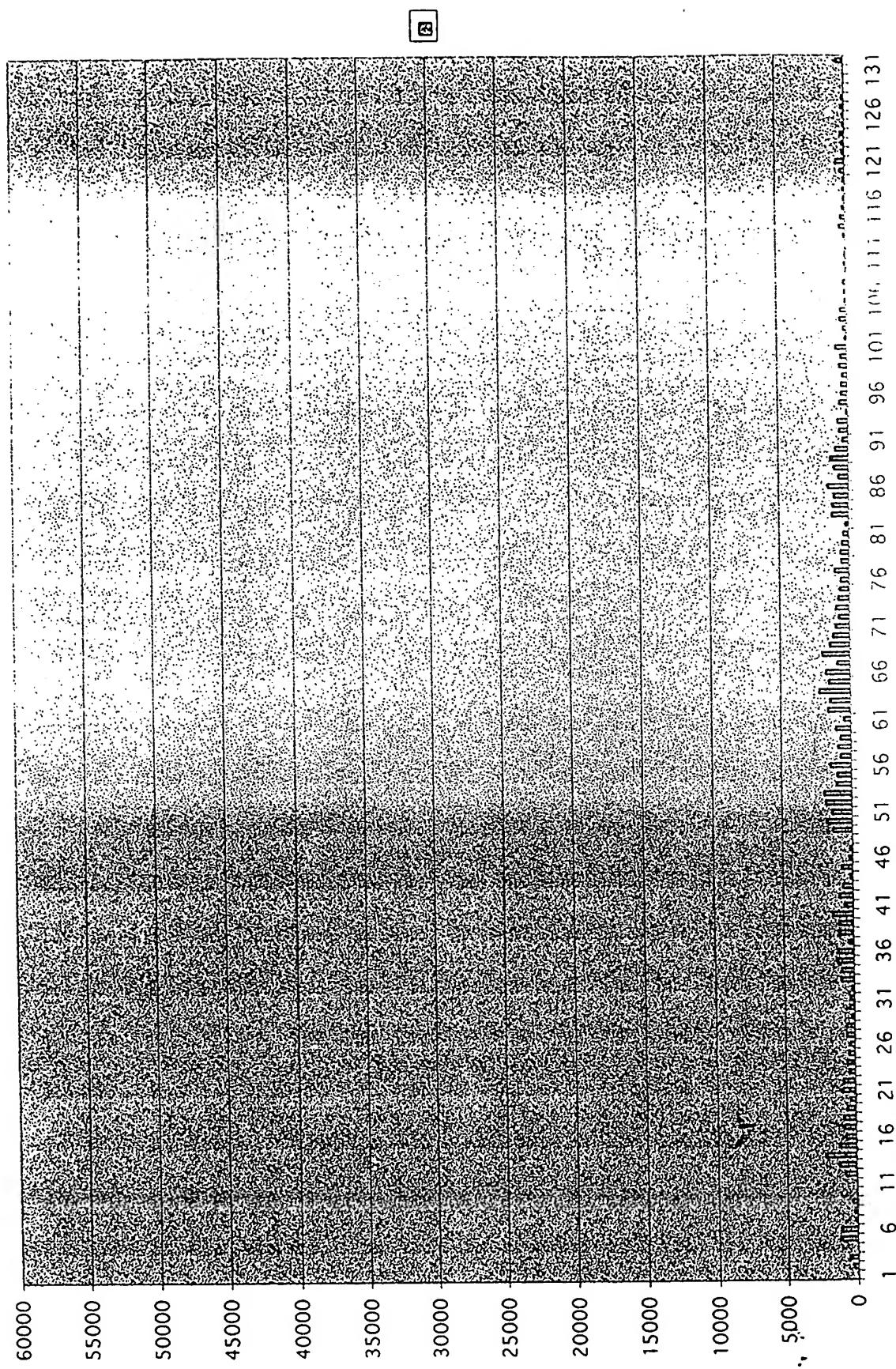


FIGURE 20
3D
not

HRP-NH- β c

N=9 n=1, n=2, n=3 COMBINATIONS HRP-NH-AC

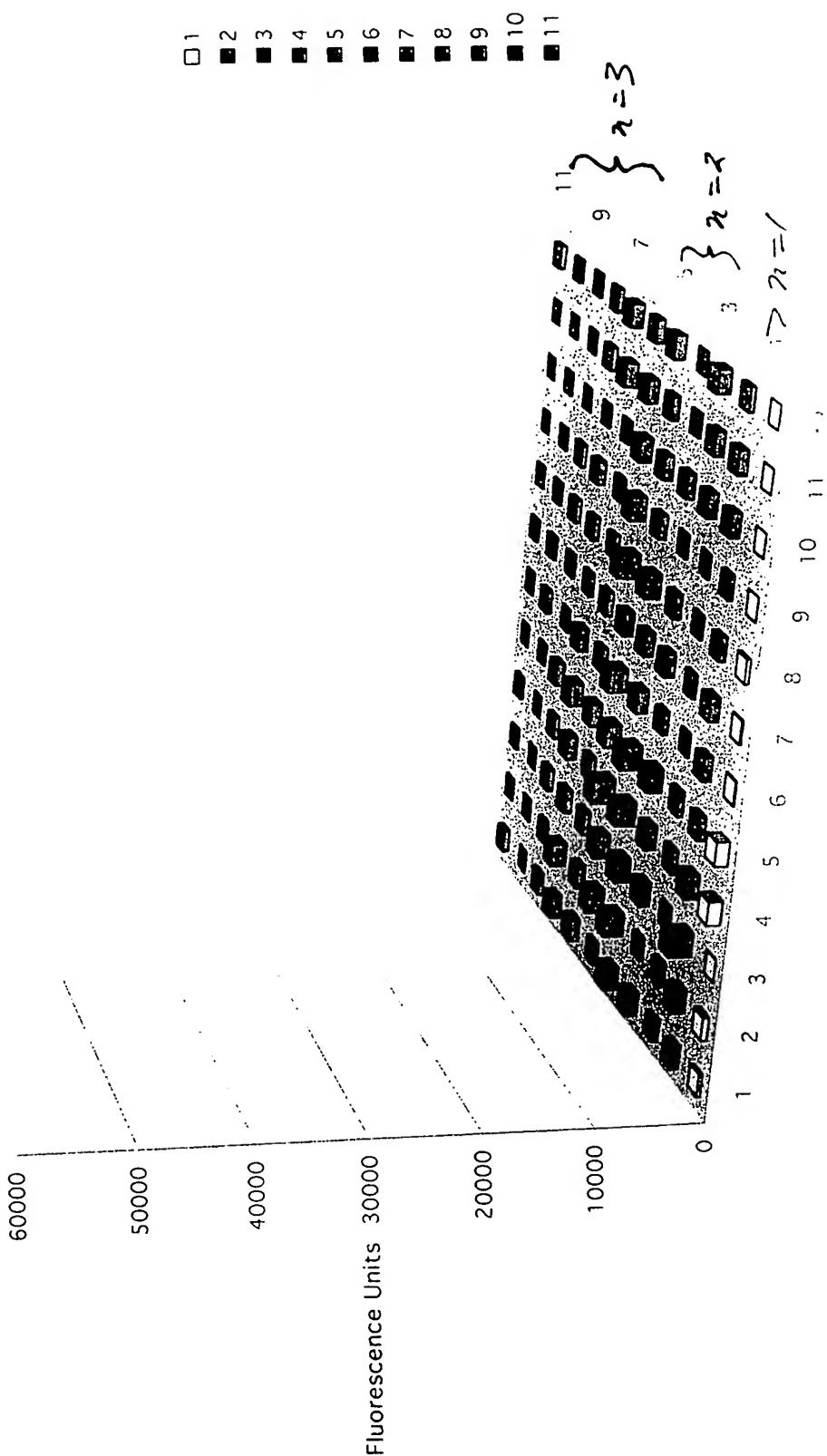


FIGURE 21
2D Plot HRP-TcDD
HEP-TcDD

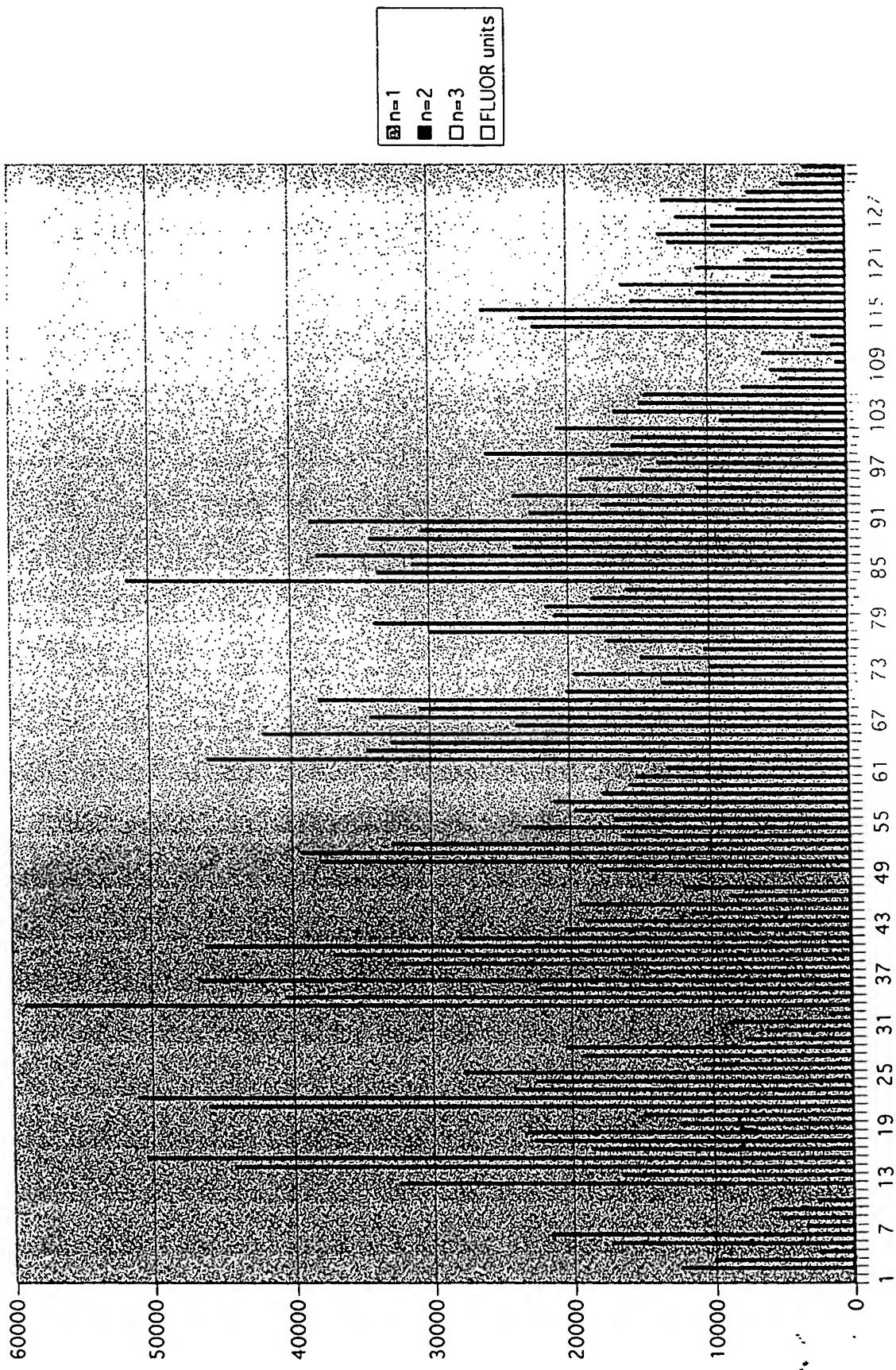


Figure 22
3D plot

$HRP - \pi_{\text{CDD}}$

N=9 n=1, n=2, n=3 COMBINATIONS HRP-PCDD

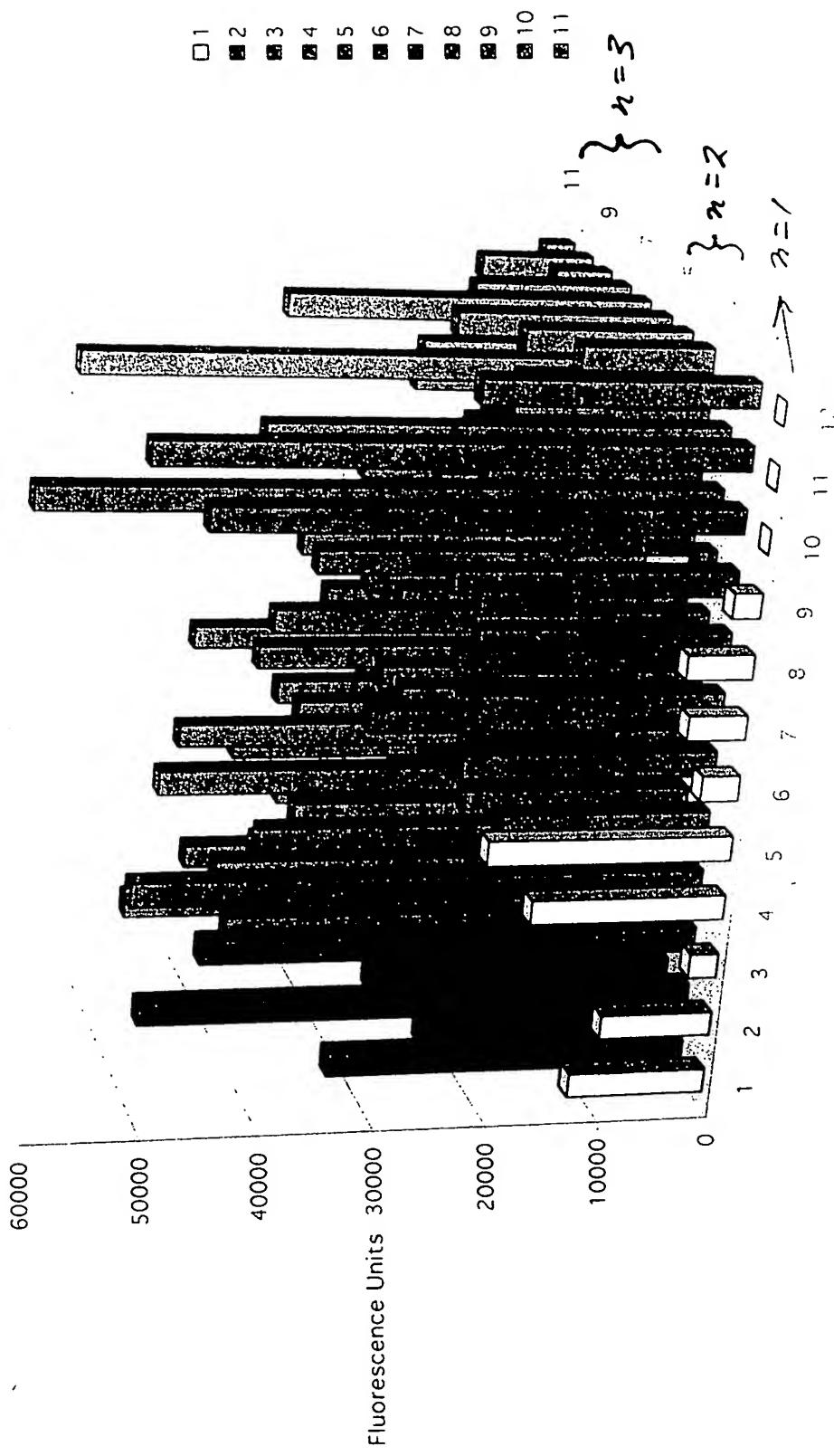
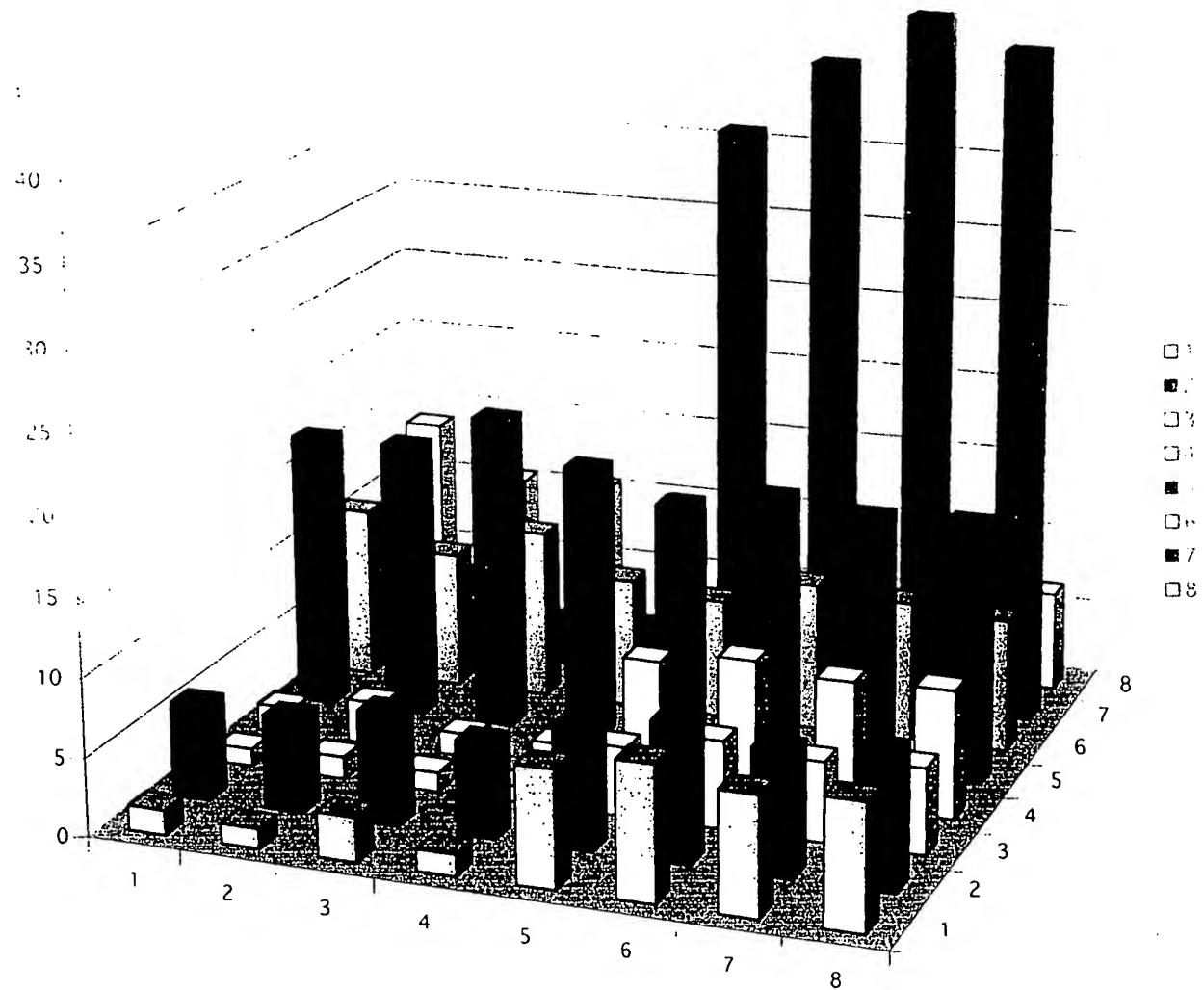


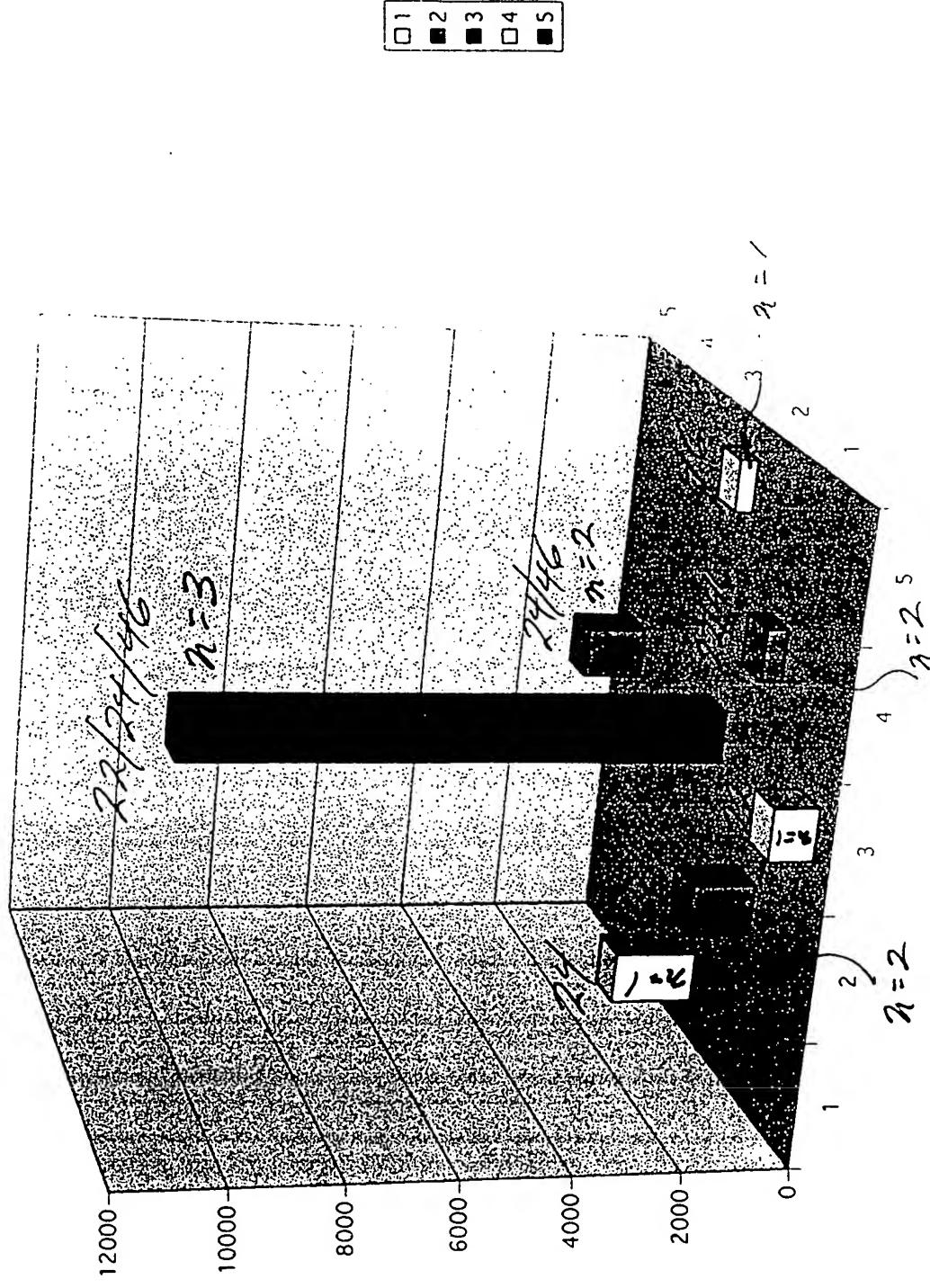
FIGURE 22. BLOCK 8 DATA PLOT.



$\mu = \frac{3}{5}$
 $\lambda = \frac{27}{46}$

Figure 24. R-Photo Data.

COMPARISON OF $n=1, n=2, n=3$

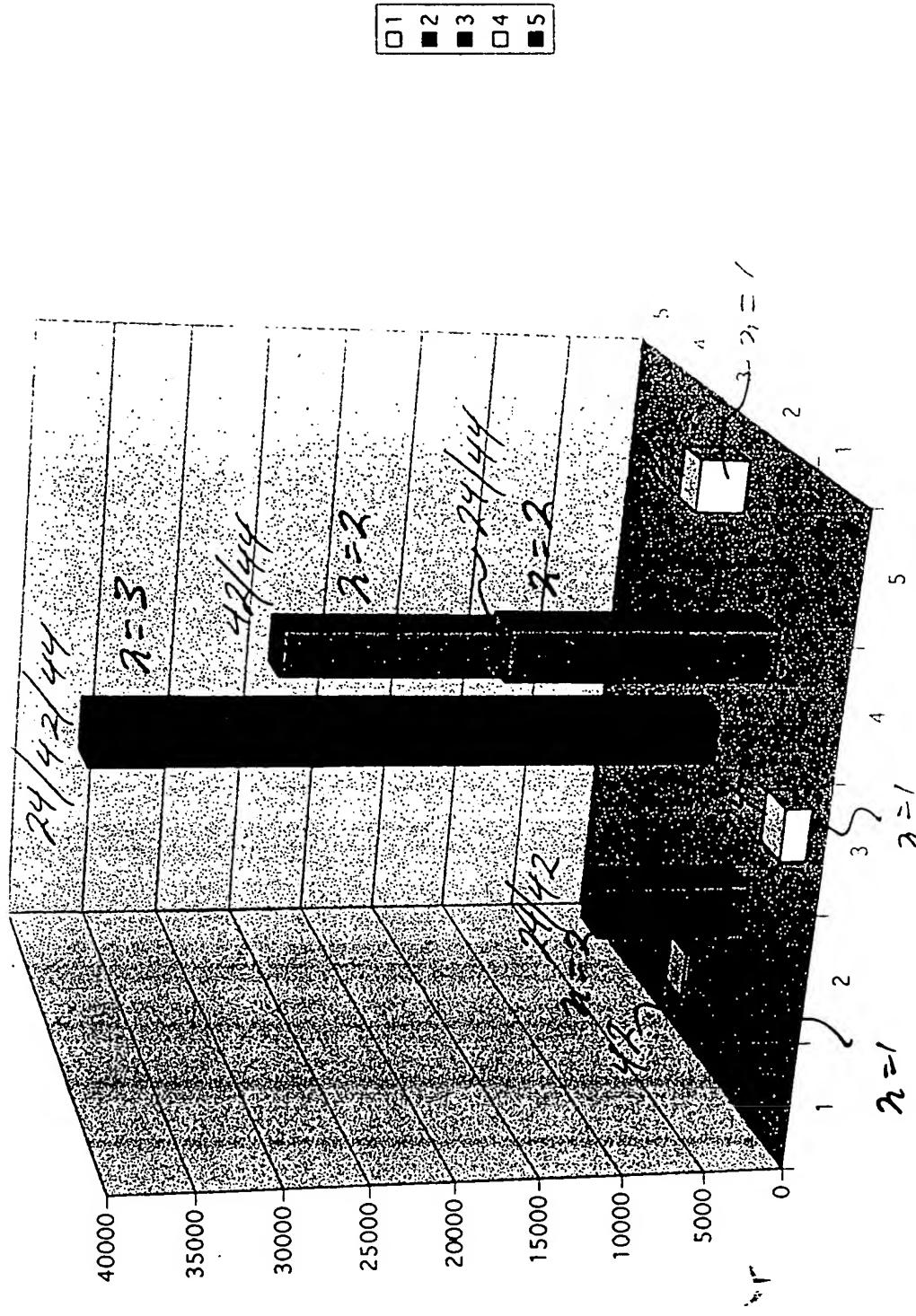


Note: "22" refers to $\sum_{k=2}^3$, etc.

FIGURE 25.

ρ -PHYSIC DOMAIN

COMPARISON OF $n=1$, $n=2$, $n=3$



NOTE: "24" REFERS TO {2-4}, etc.

FIGURE 2b. $\log P$ versus Bonding for $n=1$ systems.

\boxed{B}

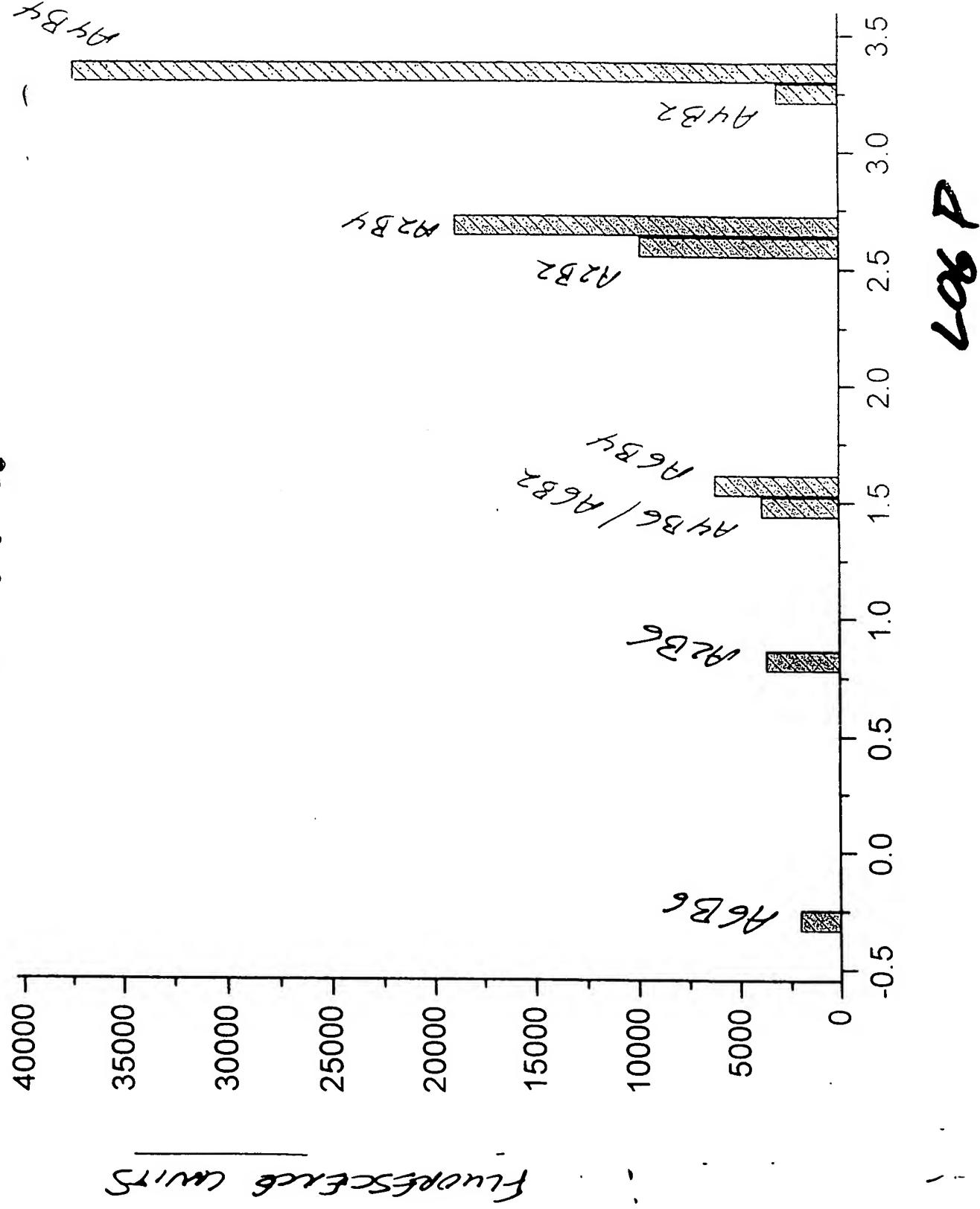


Figure 27. Log P Versus Brads
For $n = 2$ steps.

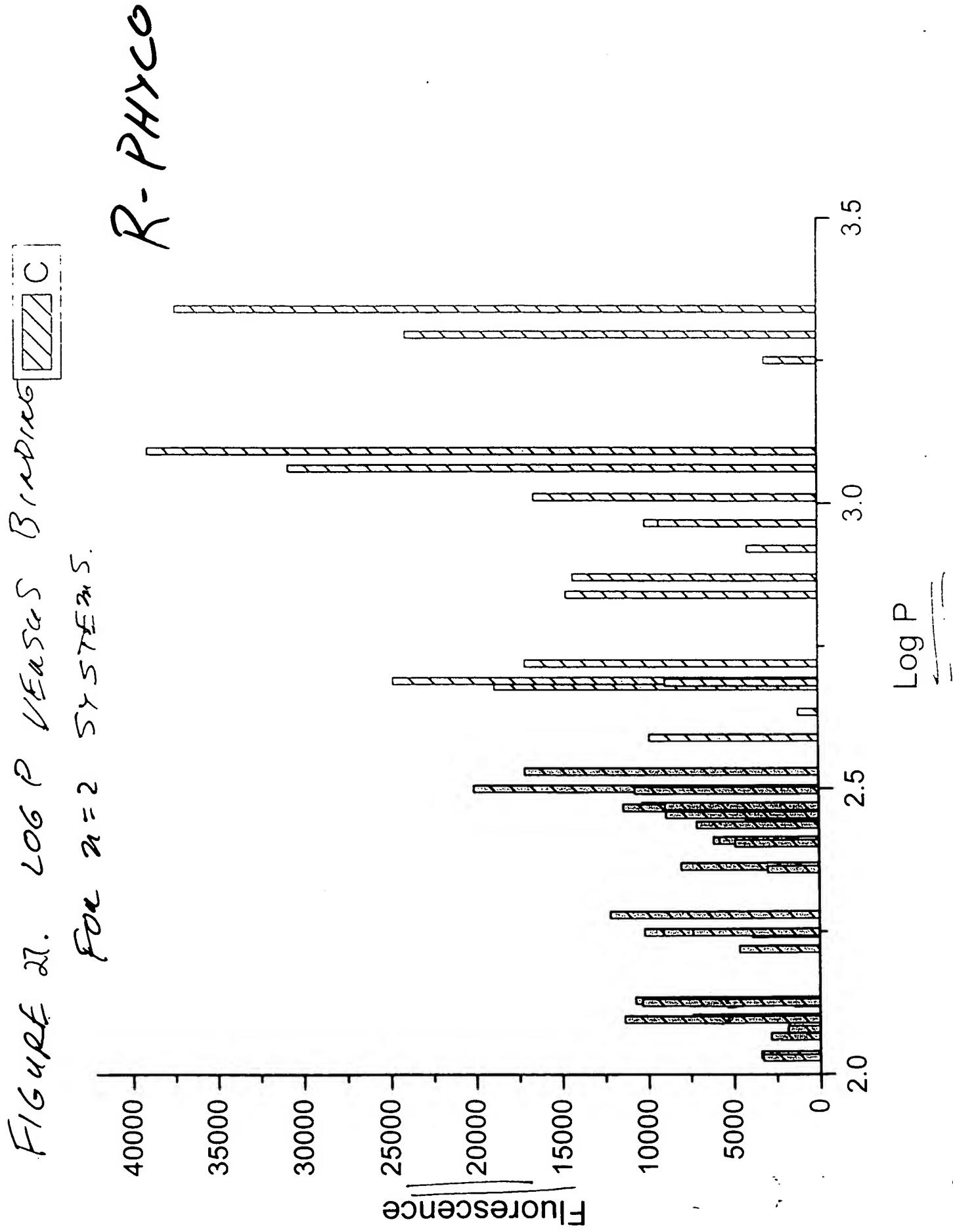


Figure 28. Comparison of R-photon energy and B502 Sndrec.

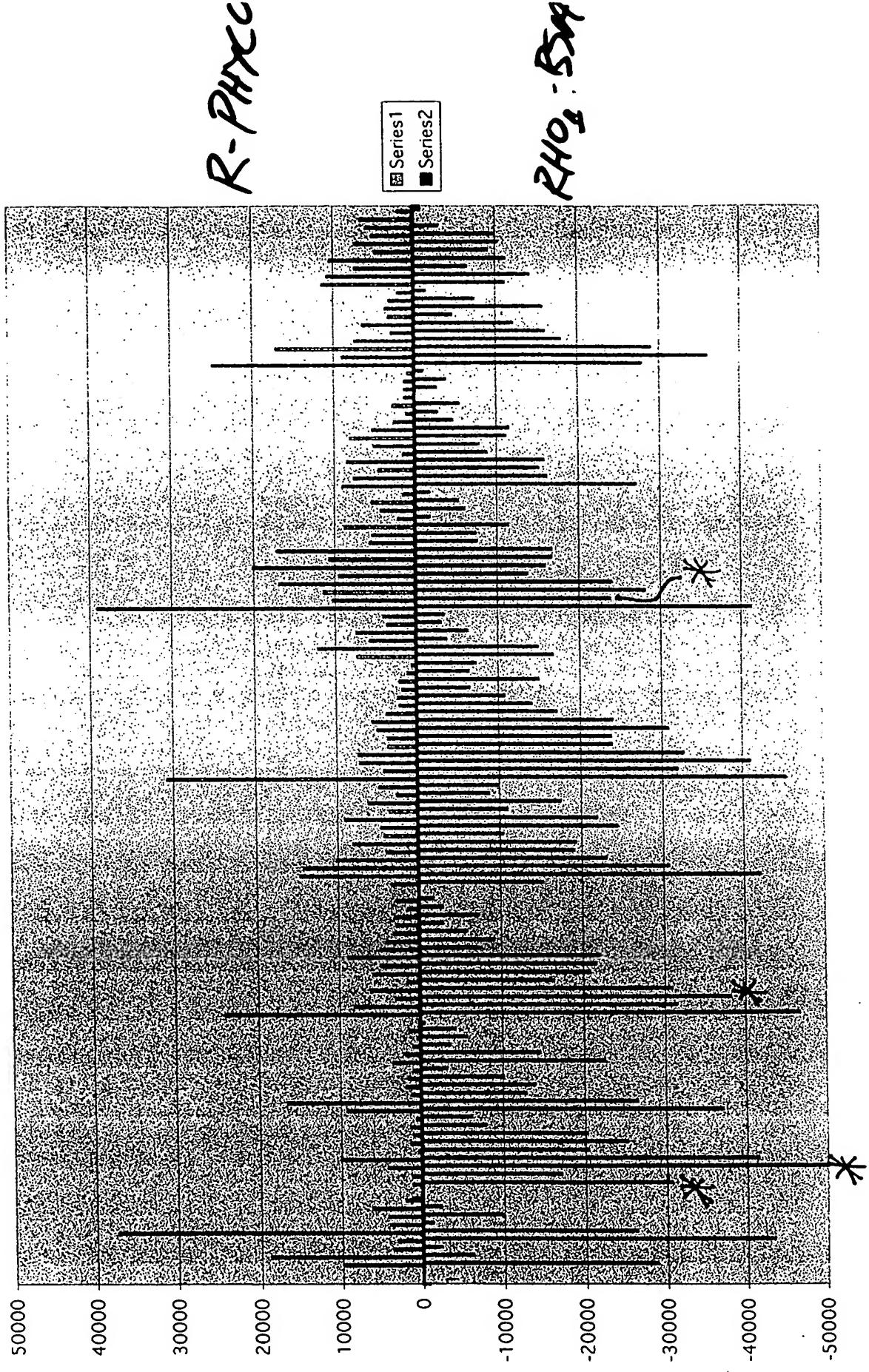


FIGURE 29. SELECTED BINDING: PHOTOTHERAPY

N=9 n=1, n=2, n=3 COMBINATIONS r-PHYCO

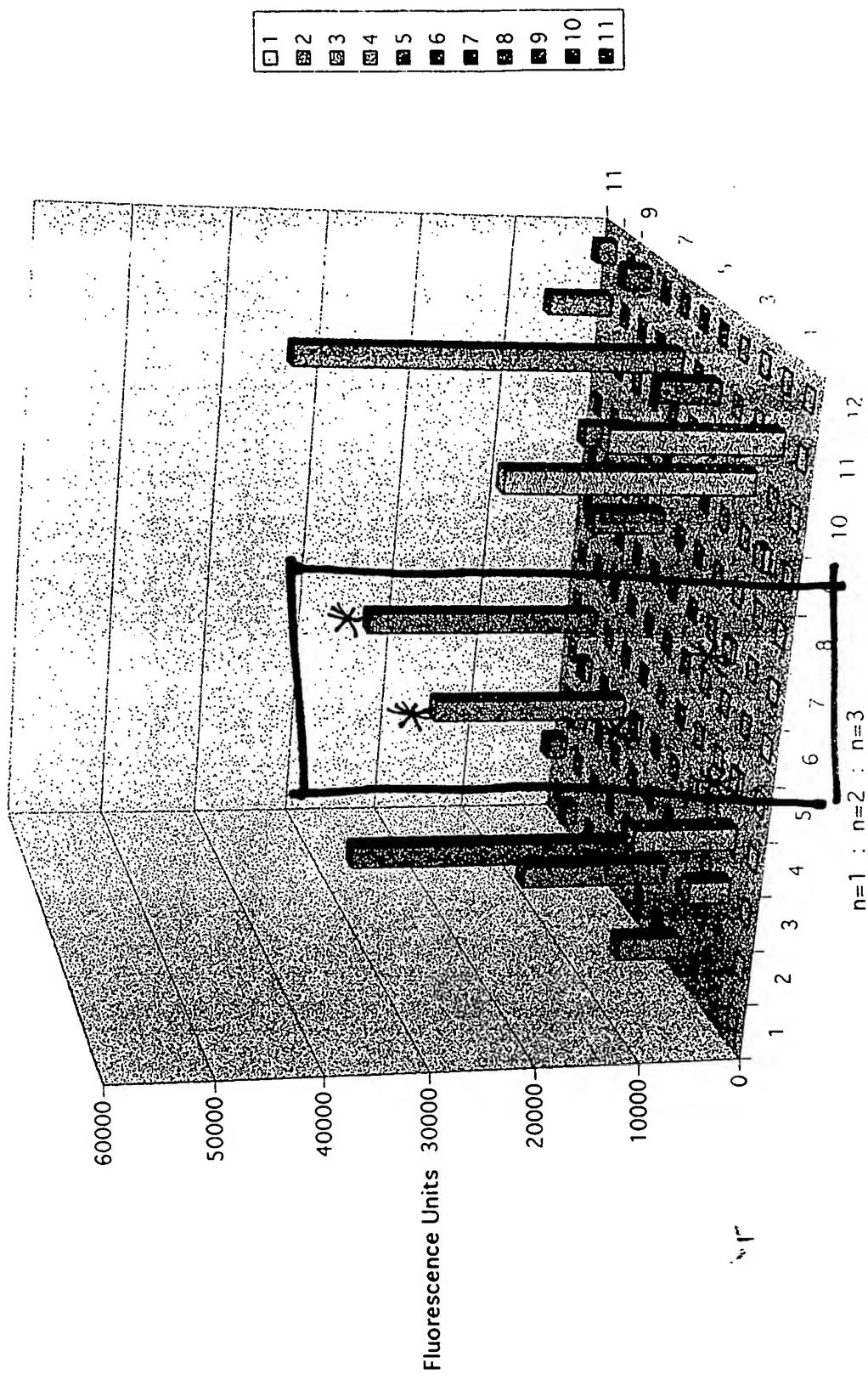


Figure 30. Selected Protein

$N=9$ $n=1$, $n=2$, $n=3$ COMBINATIONS BSA/bioterrorism

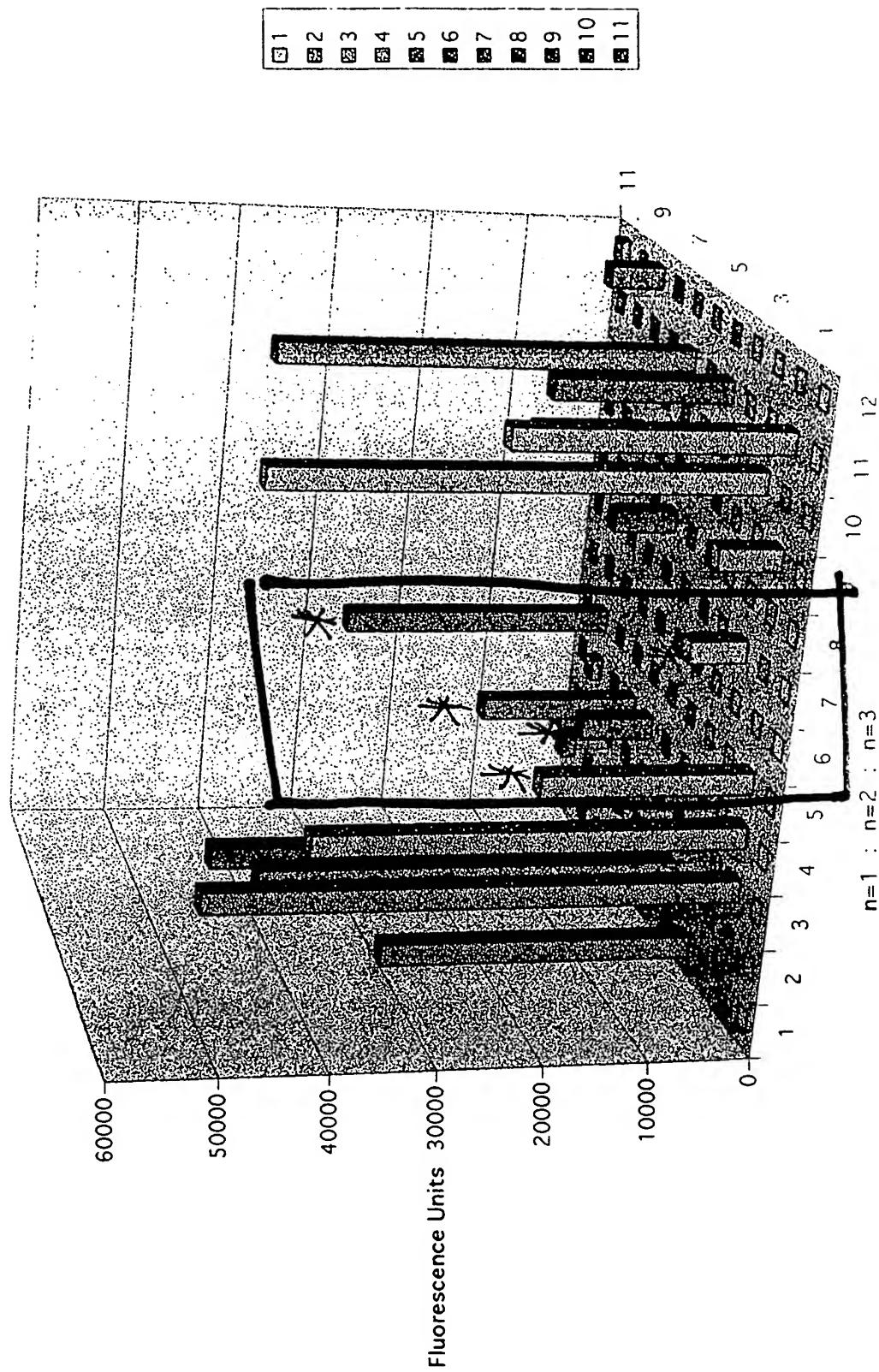


Figure 31. Selected Barcode: oval bioterrorism

N=9 n=1, n=2, n=3 COMBINATIONS OVAL1/bioterrorism

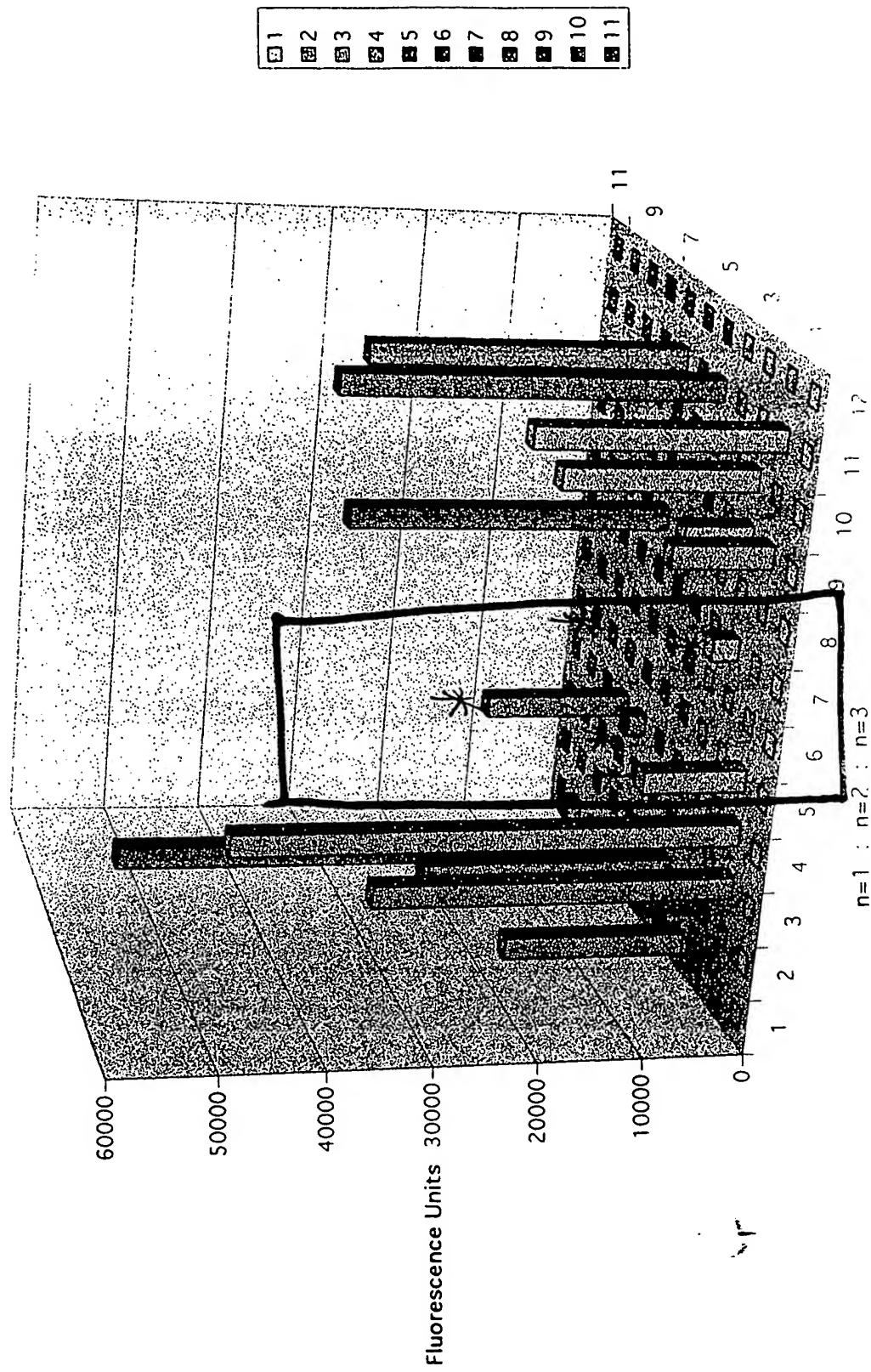
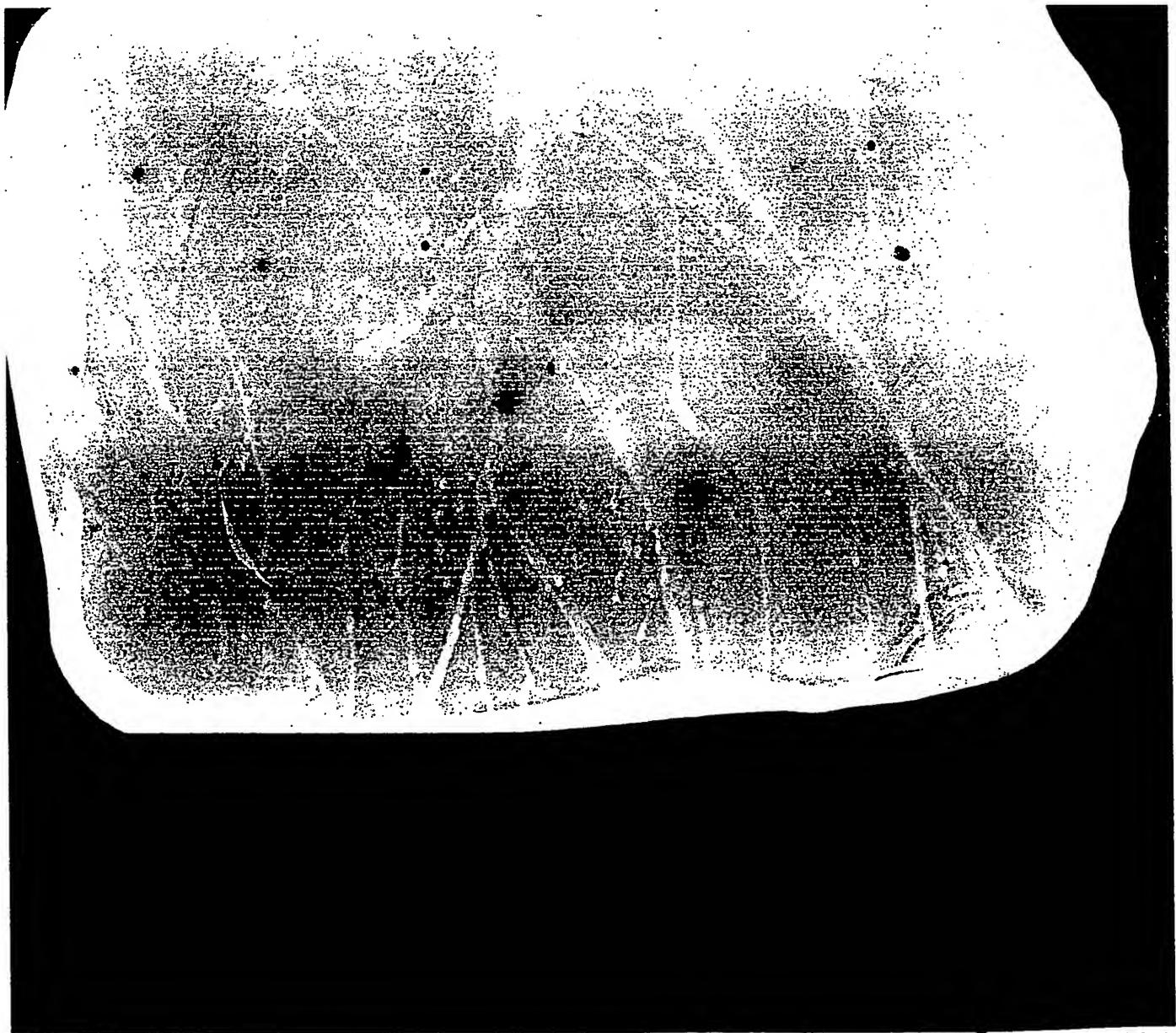


FIGURE 52

GenePix Image - Wavelength 635

File name = 2004-03-29_0860.tif
Date = 2004/03/29 14:30:04
Origin = 4, 0 pixels
(0.04, 0 mm)
Size = 2180 x 1368 pixels
(21.8 x 13.68 mm)
Format = tif
Scanner = GenePix 4... A 40 mm
X-Averaging =
PMT Gain =
Exposure =
Wavelength = 635 nm
Filter = TIF4
Pixels Position =



2004/03/29 14:36:12

118 / 0.4.

W / 1.0 LHS

111-00-11111

GenePix Image - Wavelength 635

File name = 2004-03-29_0854.tif

Date = 2004/03/29 12:31:45

Origin = 4, 0 pixels

(0.04, 0 mm)

Size = 2180 x 1068 pixels

(21.8 x 10.68 mm²)

bg = 42,000

Scanning Parameters

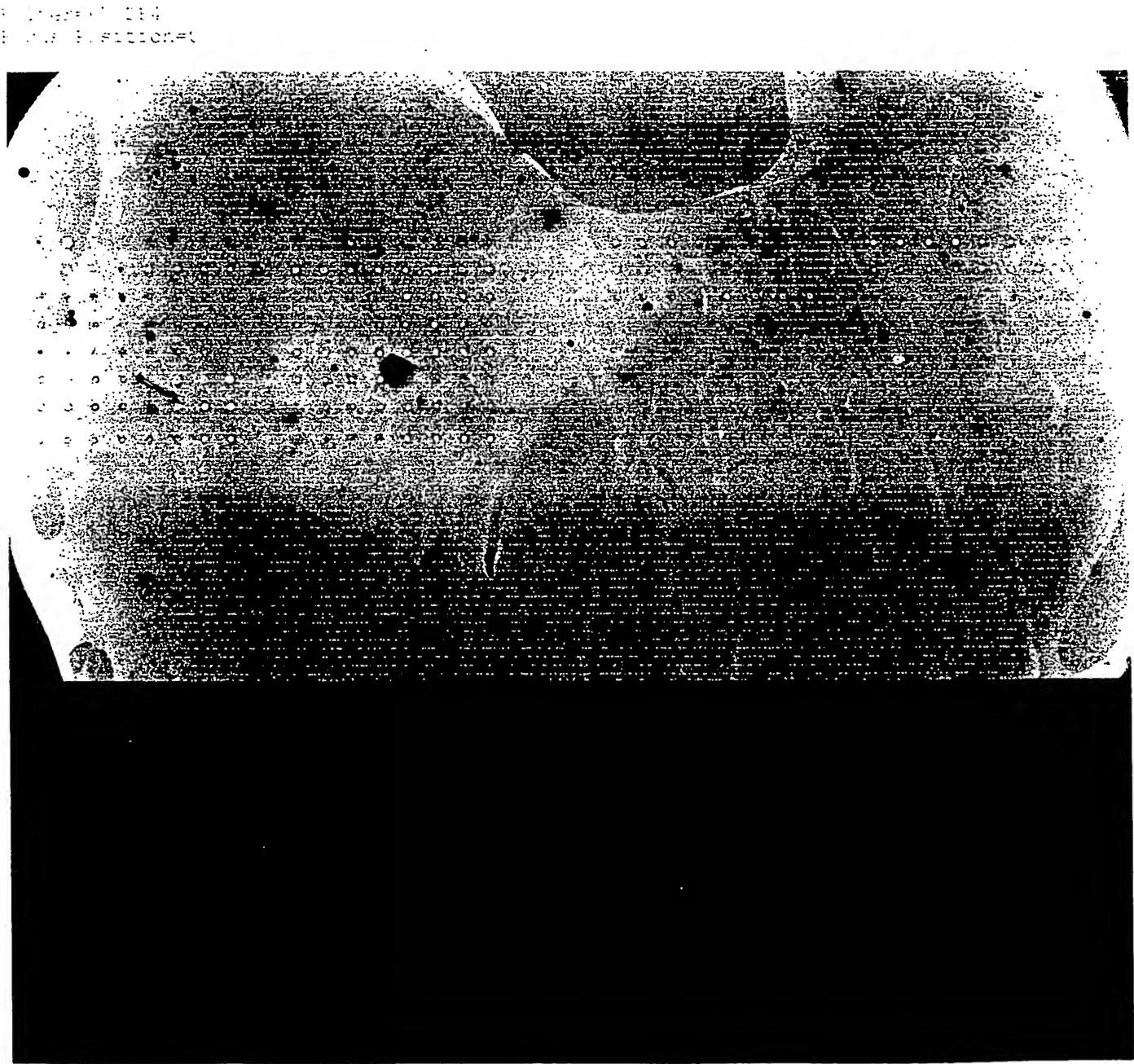
Exposure = 100000 A

Filter = 635 nm

Wavelength =

635 nm

Position = t



2004/03/29 14:40:29

FIGURE
33

11024 L 1016.C 1.0 "L1103"

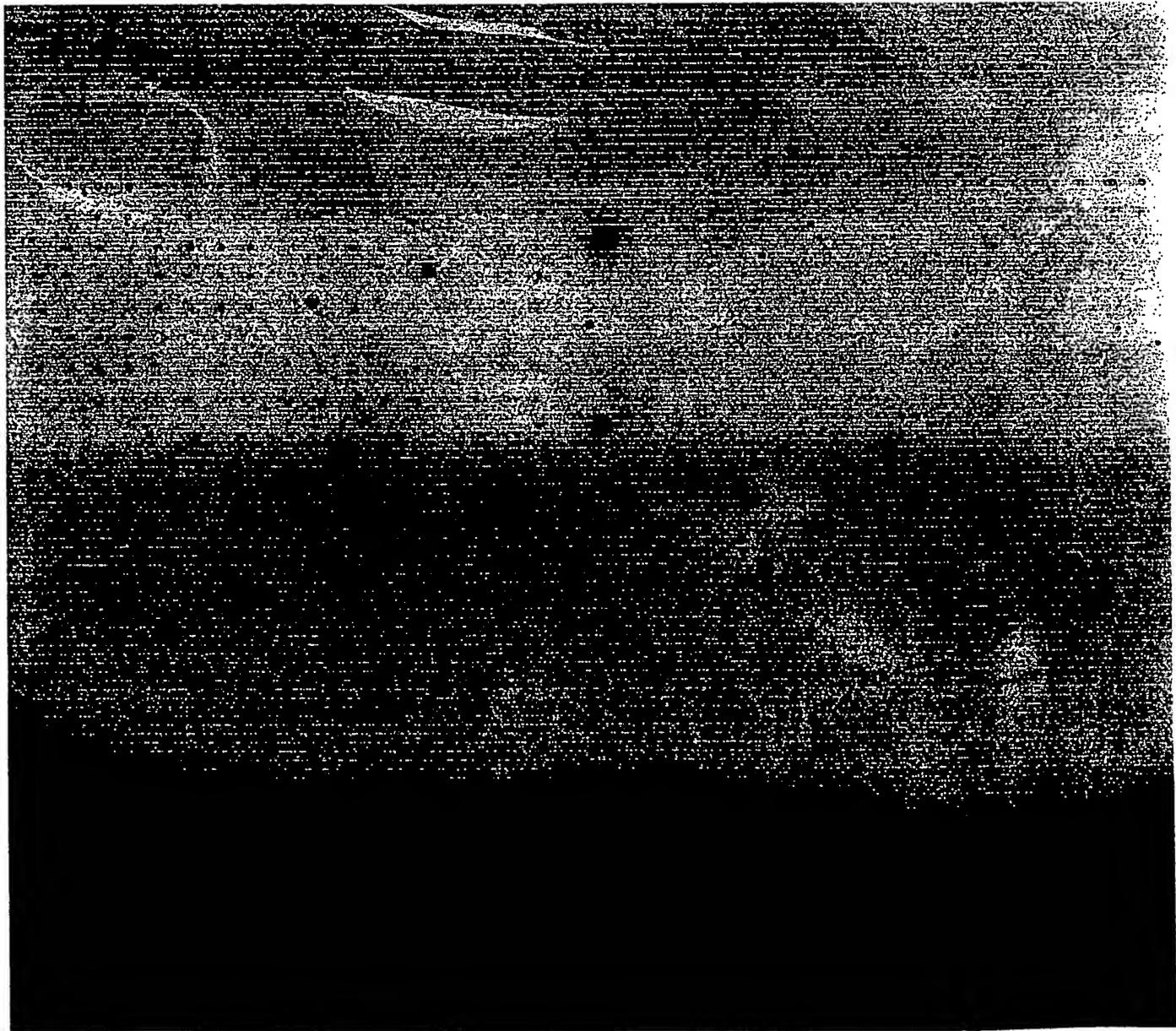
5°C

FIGURE

GenePix Image - Wavelength 635

34

File name = 2004-03-29_0861.tif
Date = 2004/03/29 15:40:20
Origin = 4, 0 pixels
(0.04, 0 mm)
Size = 2180 x 1368 pixels
(21.8 x 13.68 mm)
Filter =
Scanner = 4000x4000 A
X resolution =
Y resolution =
Filter = GFP41
Focus Position=0



2004/03/29 16:27:10

110101 110101 110101 75C 110101

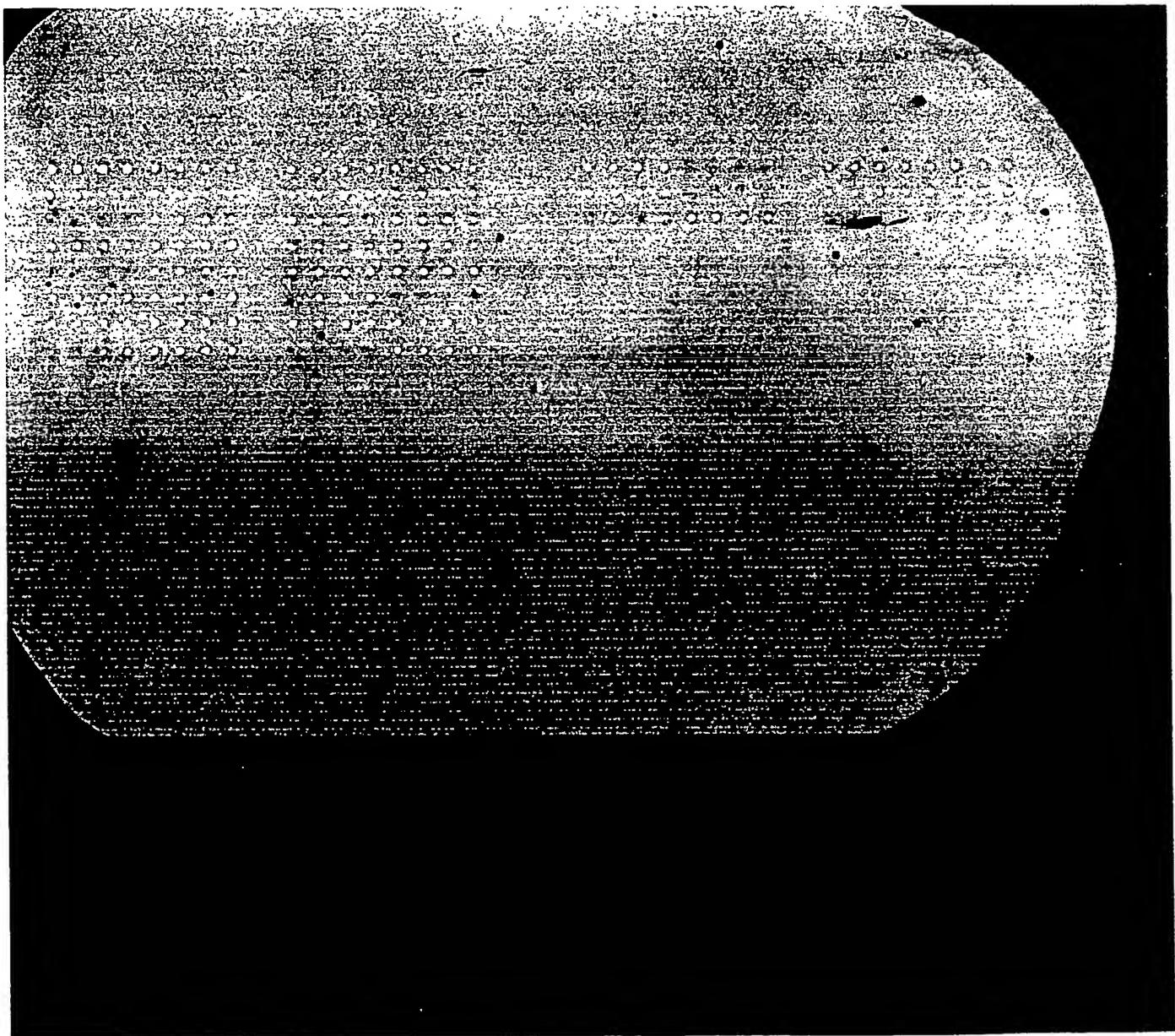
GenePix Image - Wavelength 635

File name = 2004-03-29_0863.tif
Date = 2004/03/29 15:48:56
Origin = 4, 0 pixels
(0.04, 0 mm)
Size = 2180 x 1368 pixels
(21.8 x 13.68 mm)
Software = GenePix 4.1-A
Hardware =
Filter = CTGCF4
Fluor Position=0

FIGURE
35

by : 38,000

1.012 1.000

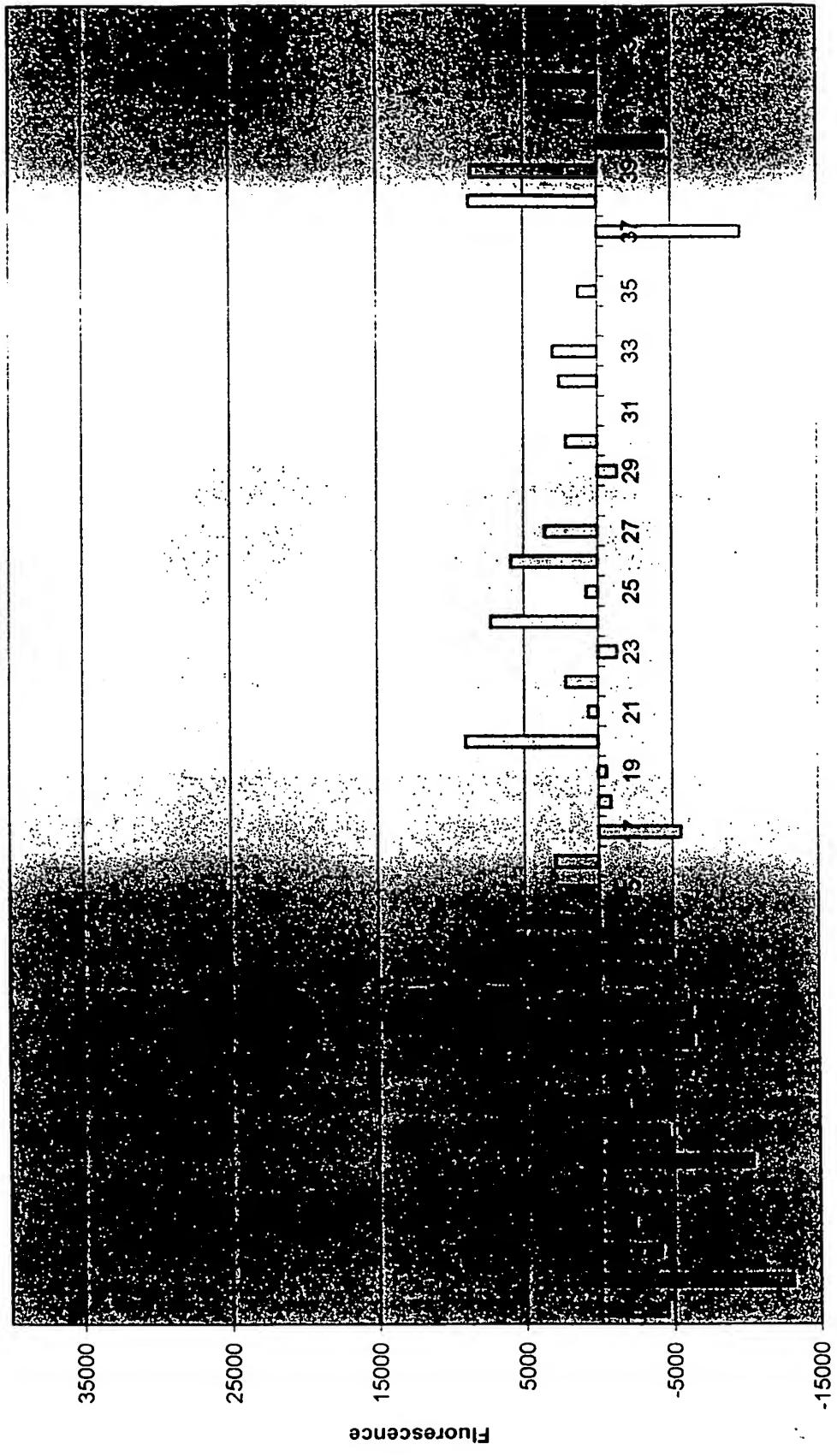


2004/03/29 16:55:30

99-53-6 | 03/29

1 F1C 112 E 36

CARA DYNAMIC C18 / B.C. 1.0 CHO3 3C (N9n2, img 03-29-0861, PMT 600)

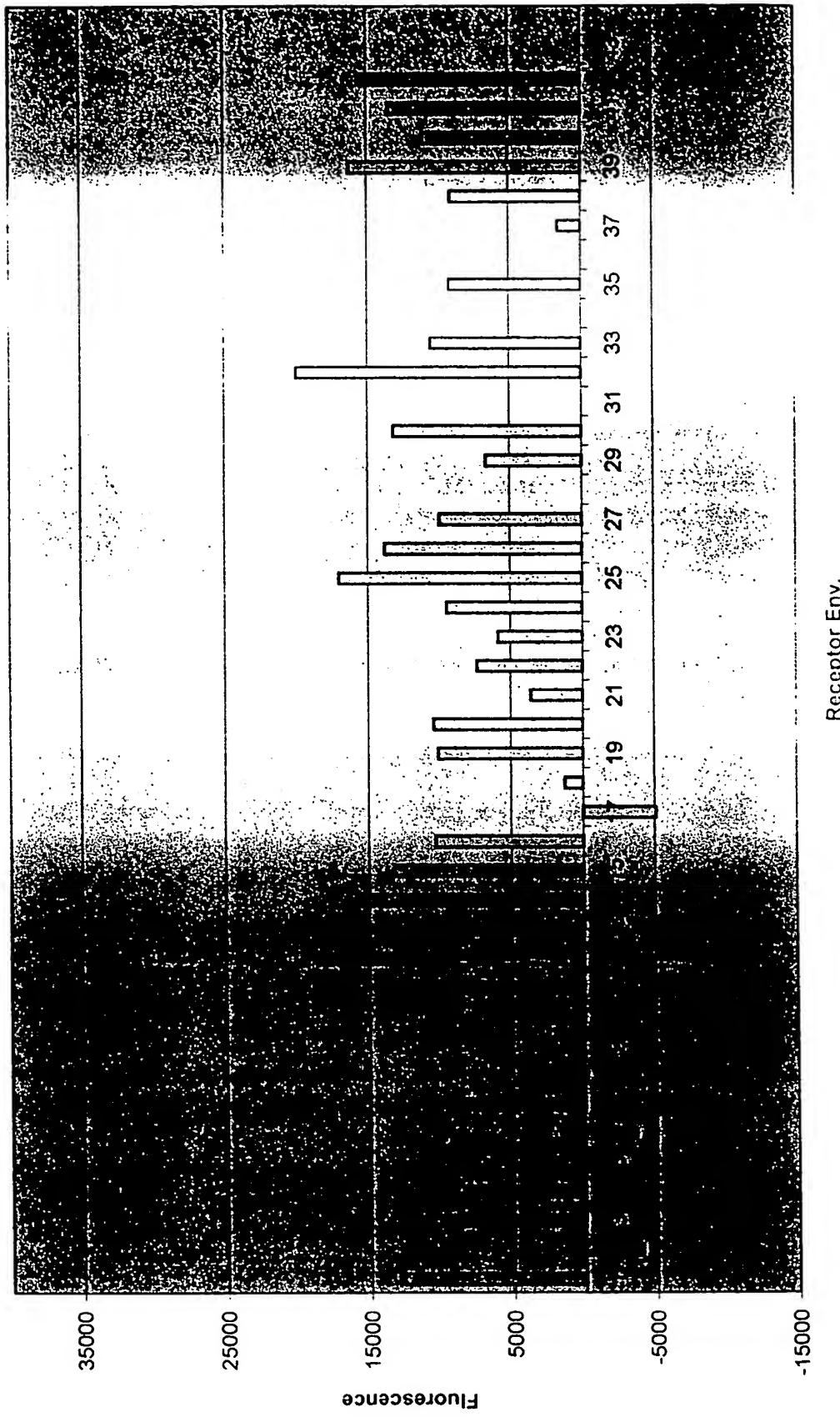


Receptor Env.

99-52-4] 03/29

Carre 37

CARA DYNAMIC C18 / B.C. 1.0 CHO3 23C (N9n2, img 03-29-0854, PMT 600)

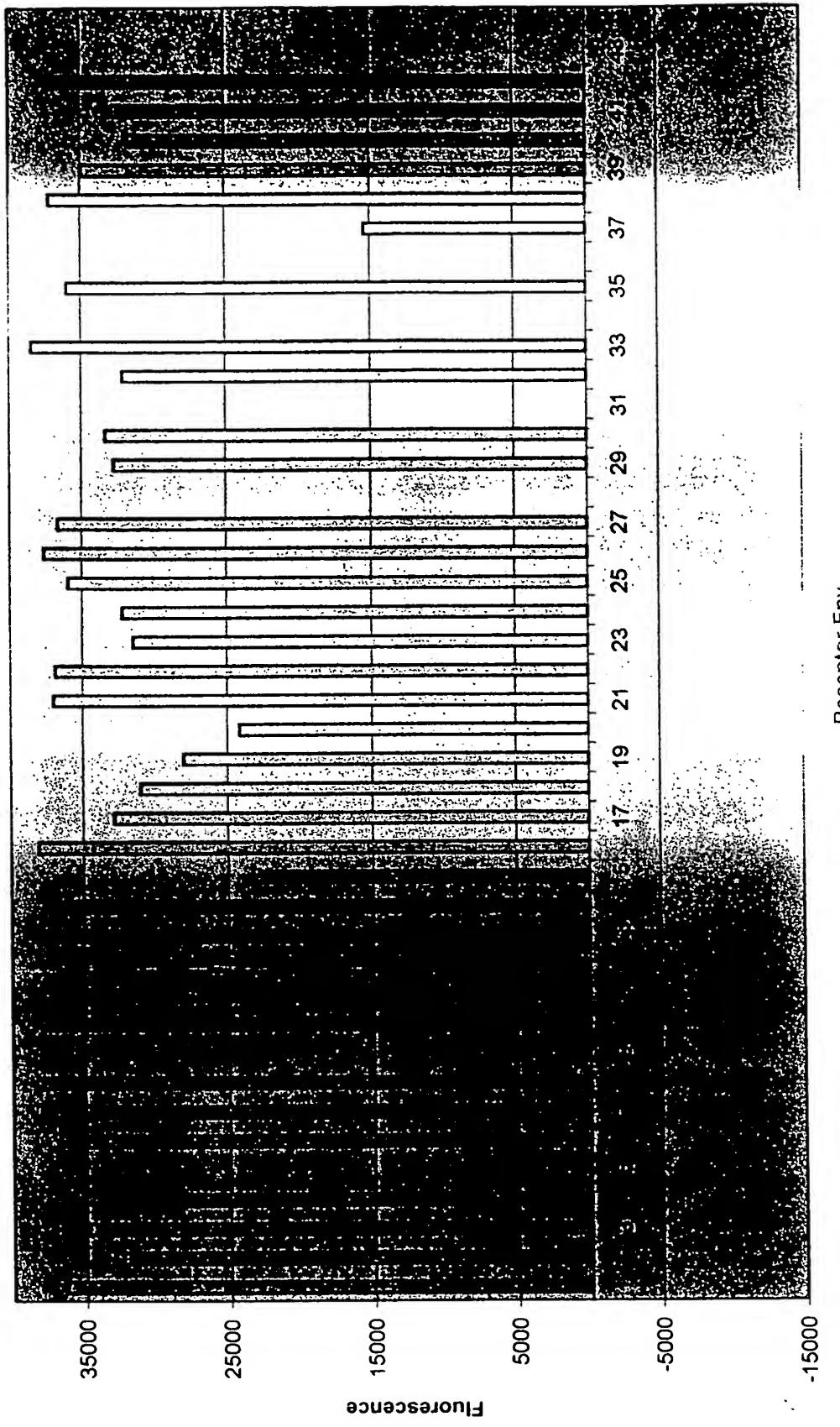


Receptor Env.

99-53-7 03/29

Figs work 38

CARA DYNAMIC C18 / B.C. 1.0 CHO3 43C (N9n2, img 03-29-0863, PMT 560)

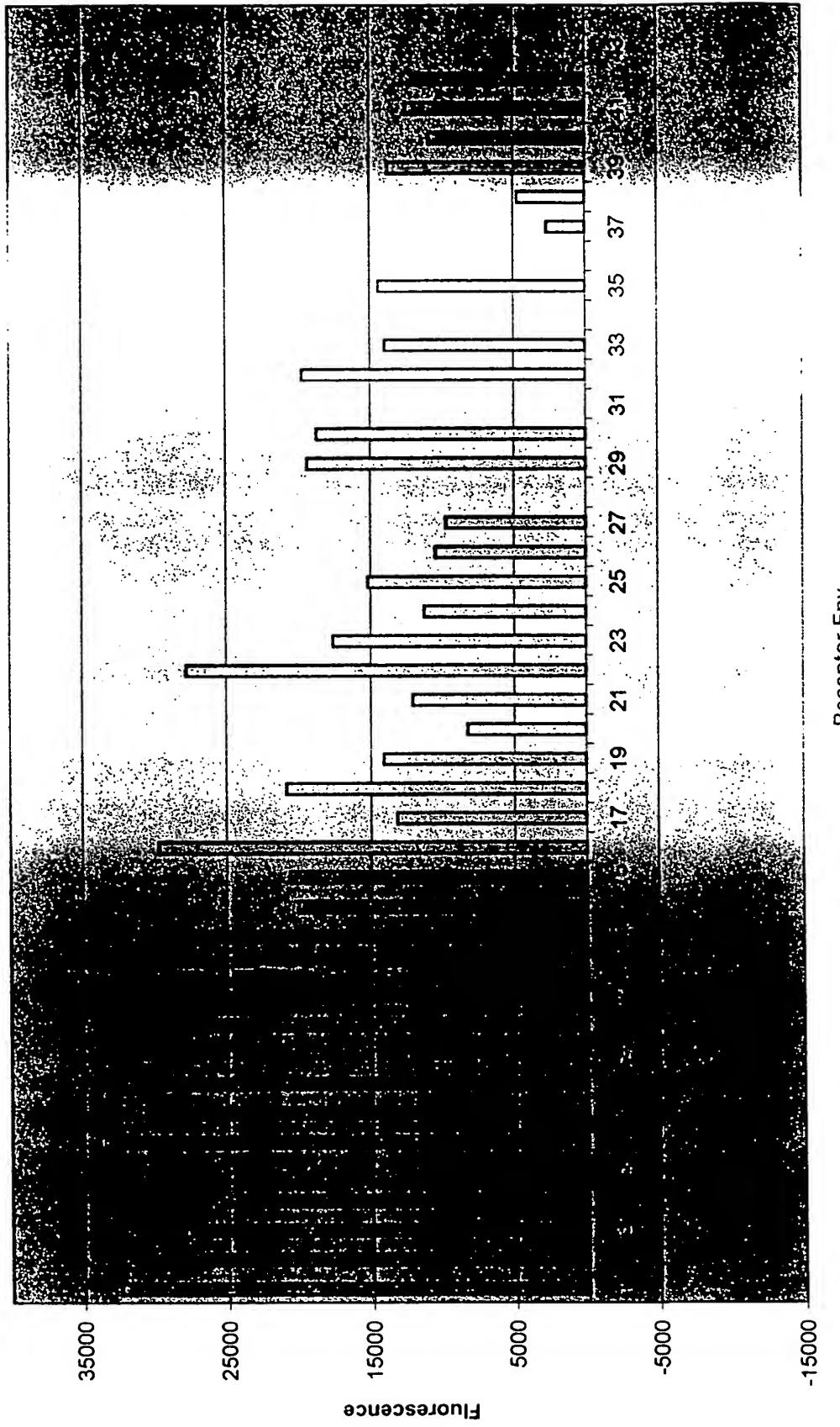


99-525 | 03/29

FIGURE 39

STB 77 C

CARA STATIC 1.0 CHO2 23C (N9n2, img 10-09-0048, PMT 590)



Receptor Env.

99-54-1 | 03/29

Fig 4B
410

CARA DYNAMIC Incubation Temperature with 1.0 CHO3

